

**BUILDING-A PANEL (SOUTH ELEVATION) REINFORCEMENT DETAILS**

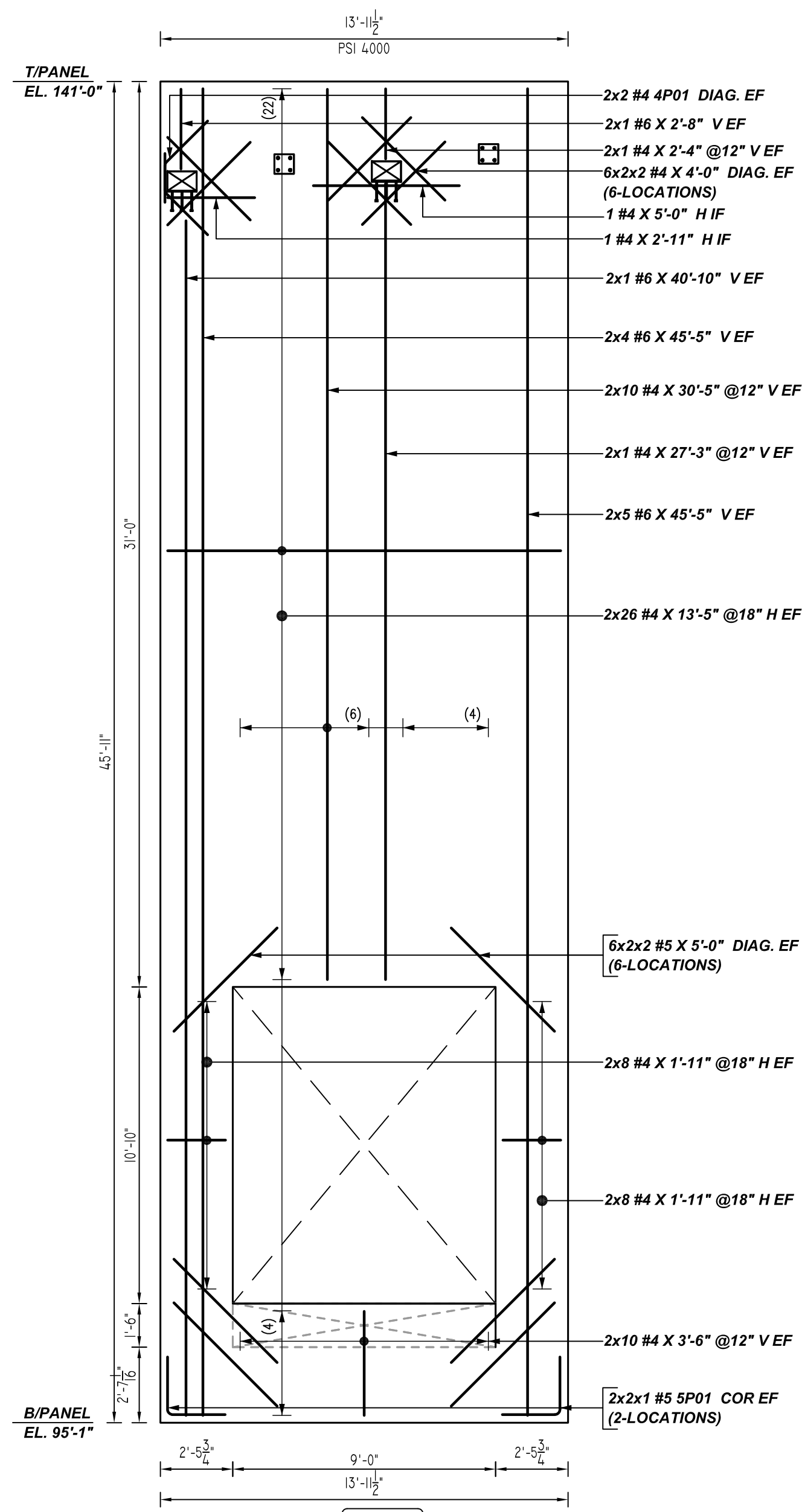
REF: S1.01 (DT.06/08/22)  
SCALE: 1/28" = 1'-0"

FOR BUILDING-A PANEL (NORTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R13 THRU #R27  
 FOR BUILDING-A PANEL (EAST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R28 THRU #R33  
 FOR BUILDING-A PANEL (SOUTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R35 THRU #R46  
 FOR BUILDING-A PANEL (WEST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R47 THRU #R53  
 FOR BUILDING-A PANEL (SOUTH ELEVATION) PANEL ACCESSORIES DETAILS REFER DRAWINGS #R46

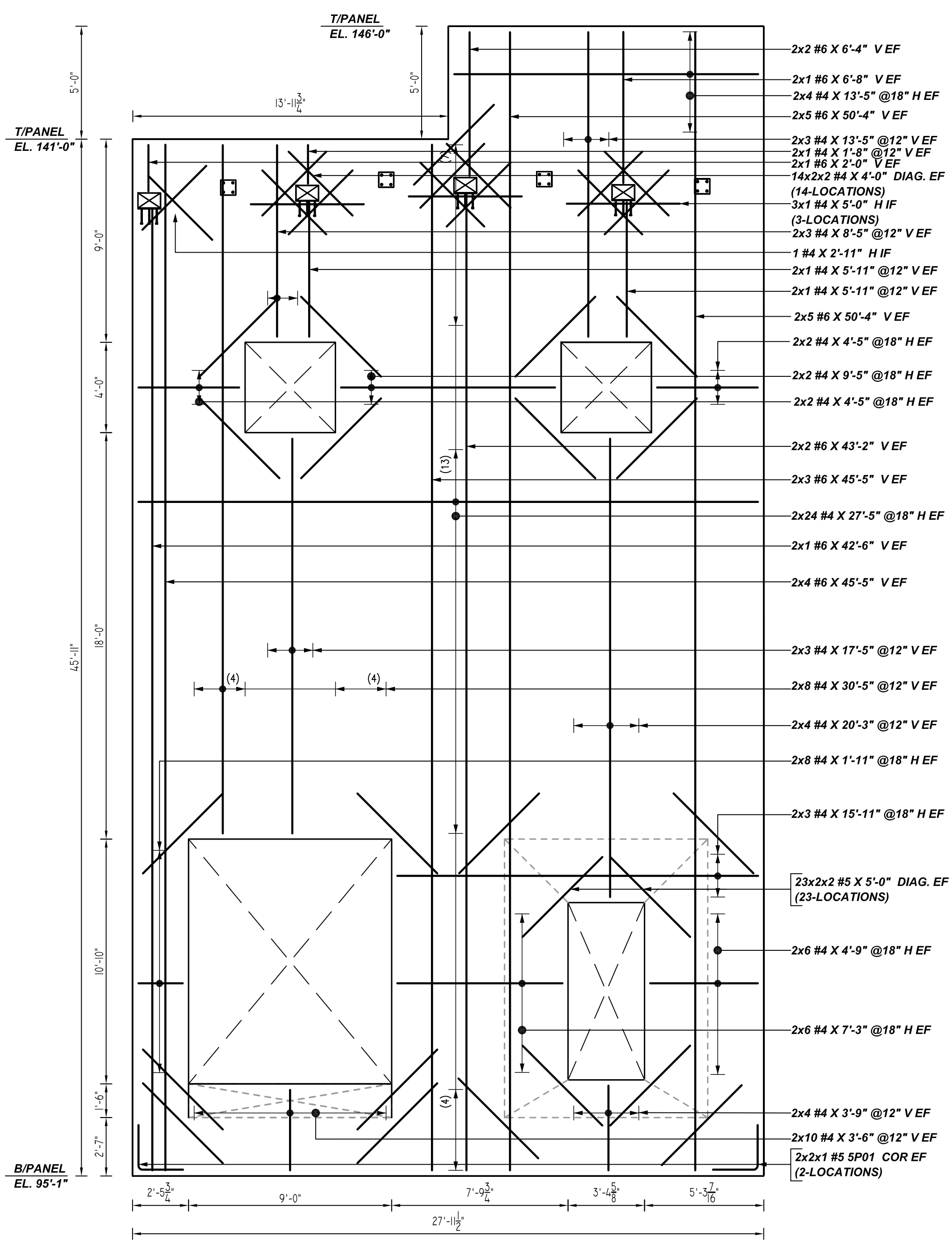
FOR APPROVAL

GRADE		A615/60(UNO)			
PREFIX		P			
BAR LIST NOS.					
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR	STRUCTURE	PANEL(SOUTH ELEVATION) REINF. DETAILS
0	IFA	10/18/2022	APPROVAL	FLOOR	FOUNDATION TO TOP OF WALL
				JOB NO.	-
				CUSTOMER	CONCRETE STRAGIES
				JOB	THE CUBES AT MESA - BLDG A
				LOCATION	E PECOS RD & S CRISMON RD, MESA, AZ 85212
				DRAWN	DATE
				MRS	10/18/2022
				CONTROL CODE	-
				DWG. NO.	R34

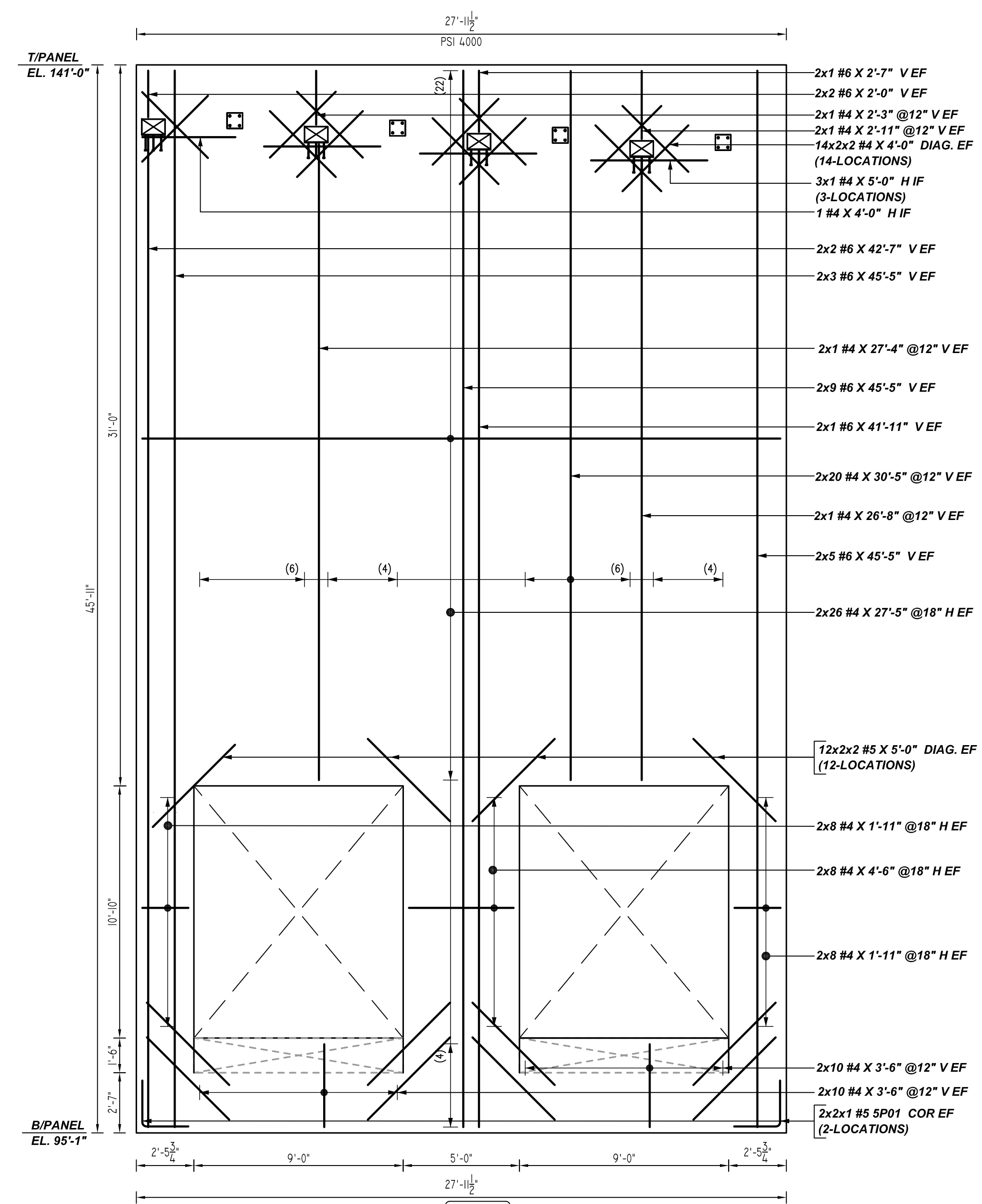




**PANEL S-04**  
REF: S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"



**PANEL S-05**  
REF: S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"



**PANEL S-06**  
REF: S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"

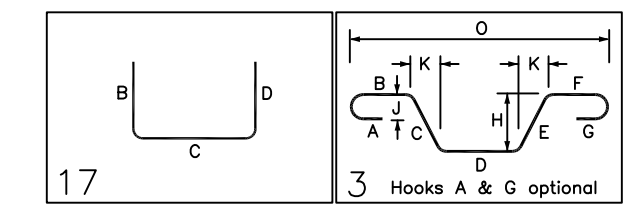
FOR APPROVAL

FOR BUILDING-A PANEL (NORTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R13 THRU #R27  
FOR BUILDING-A PANEL (EAST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R28 THRU #R33  
FOR BUILDING-A PANEL (SOUTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R35 THRU #R46  
FOR BUILDING-A PANEL (WEST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R47 THRU #R53  
FOR BUILDING-A PANEL (SOUTH ELEVATION) PANEL ACCESSORIES DETAILS REFER DRAWINGS #R46

**ALL BARS IN THIS DRAWING  
ASTM A615 GRADE 60  
BLACK UNCOATED**

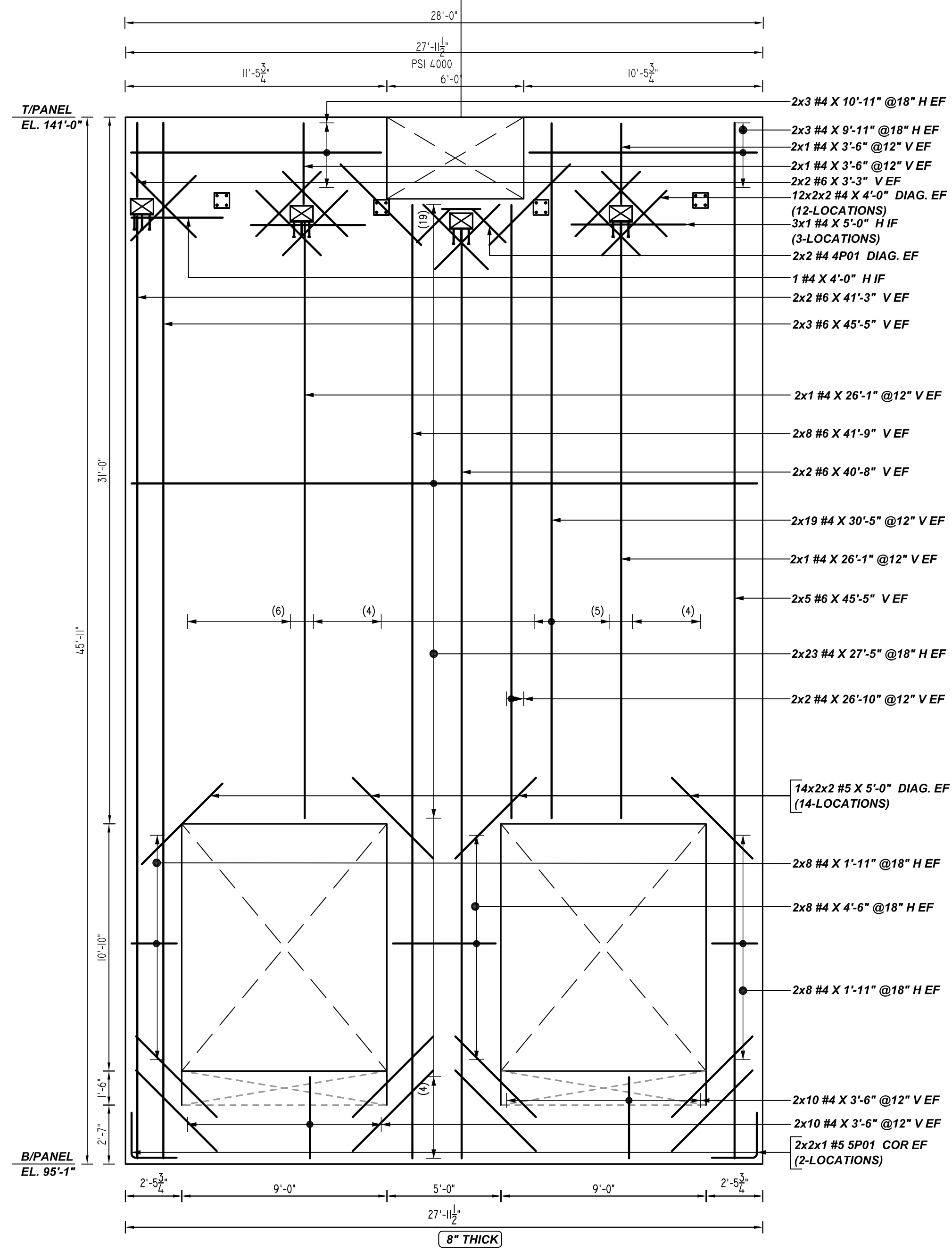
LOCATION	MIN. COVER
PANEL INNER FACE	1" CLR
PANEL OUTER FACE	1 1/2" CLR
PANEL EDGE	3" CLR

Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
SP01	12	#6	4'-0"	12																										
4P01	4	#4	3'-4 1/2"	3																										



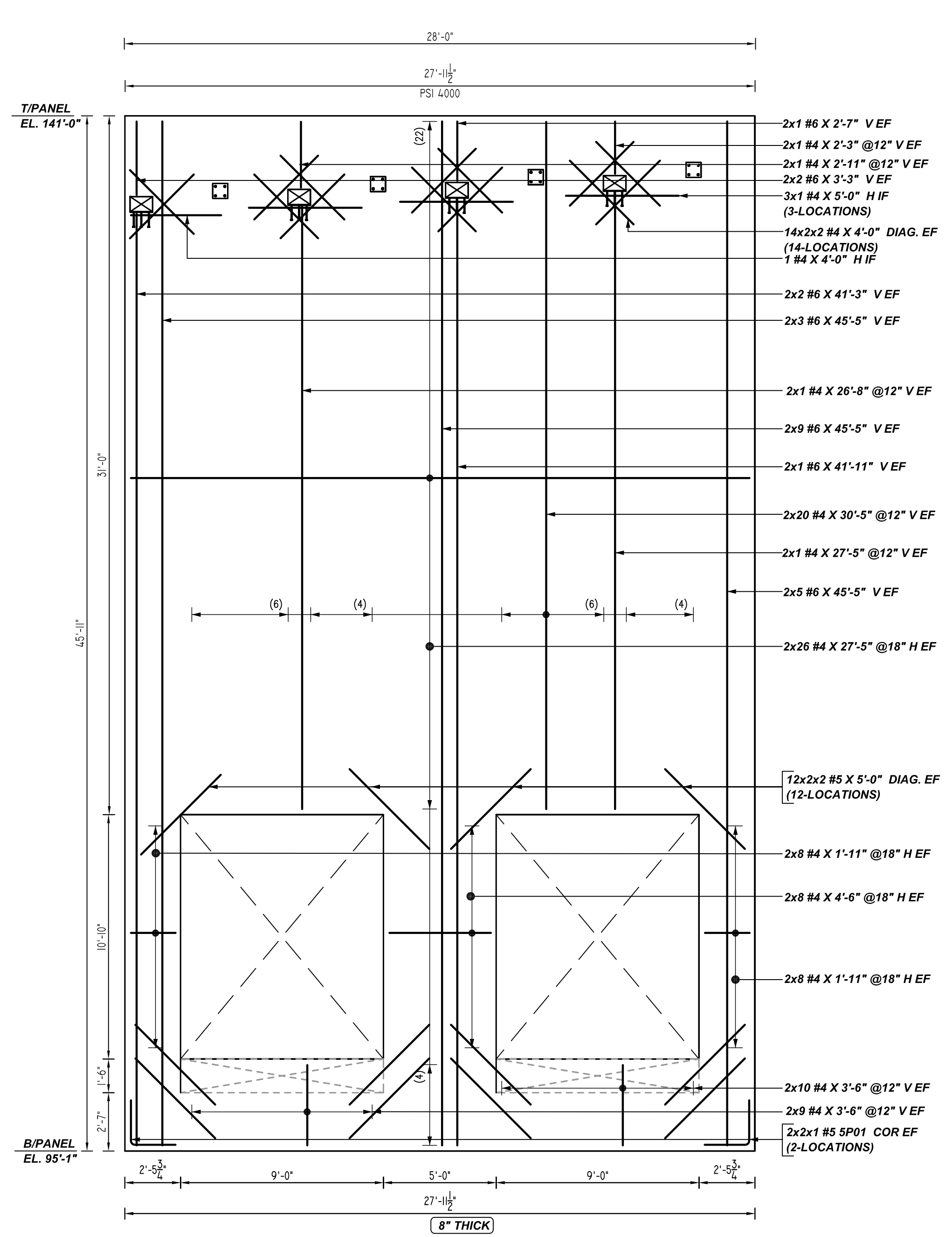
GRADE	A615/60(UNO)				
PREFIX	P				
BAR LIST NOS.					
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR	STRUCTURE	PANEL(SOUTH ELEVATION) REINF. DETAILS
0	IFA	10/18/2022	APPROVAL	FLOOR	FOUNDATION TO TOP OF WALL
				JOB NO	
				CUSTOMER	CONCRETE STRAGIES
				JOB	THE CUBES AT MESA - BLDG A
				LOCATION	E PECOS RD & S CRISMON RD, MESA, AZ 85212
DRAWN	DATE	CONTROL CODE	DWG. NO.		
MRS	10/18/2022	-	R36		

14

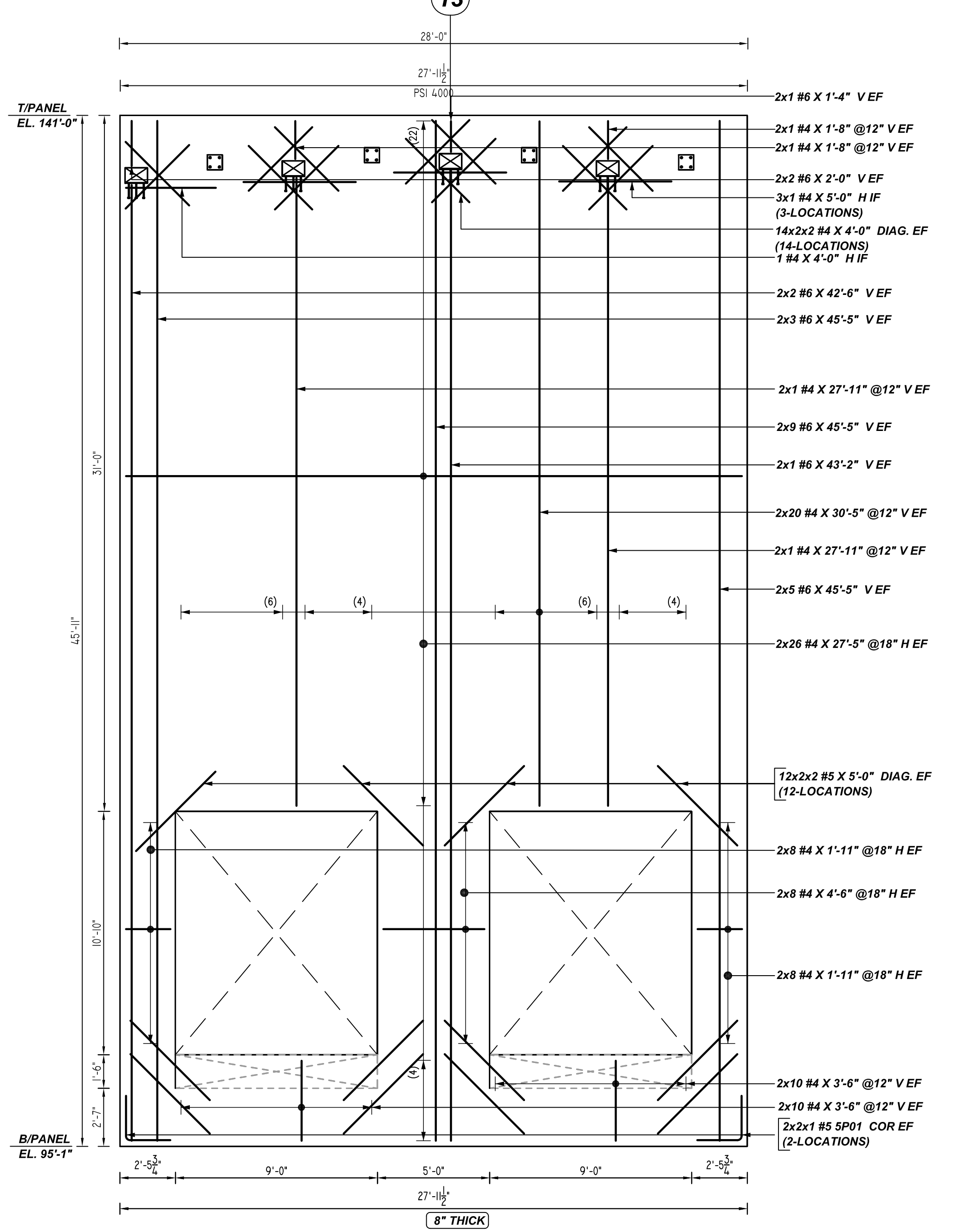


**PANEL S-07**  
 REF: S9.13 (DT.06/08/22)  
 SCALE: 1/4" = 1'-0"

13



**PANEL S-08**  
 REF: S9.13 (DT.06/08/22)  
 SCALE: 1/4" = 1'-0"



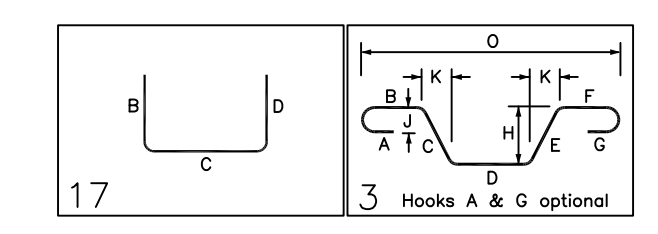
**PANEL S-09**  
 REF: S9.13 (DT.06/08/22)  
 SCALE: 1/4" = 1'-0"

FOR BUILDING-A PANEL (NORTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R13 THRU #R27  
 FOR BUILDING-A PANEL (EAST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R28 THRU #R33  
 FOR BUILDING-A PANEL (SOUTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R35 THRU #R46  
 FOR BUILDING-A PANEL (WEST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R47 THRU #R53  
 FOR BUILDING-A PANEL (SOUTH ELEVATION) PANEL ACCESSORIES DETAILS REFER DRAWINGS #R46

**ALL BARS IN THIS DRAWING  
 ASTM A615 GRADE 60  
 BLACK UNCOATED**

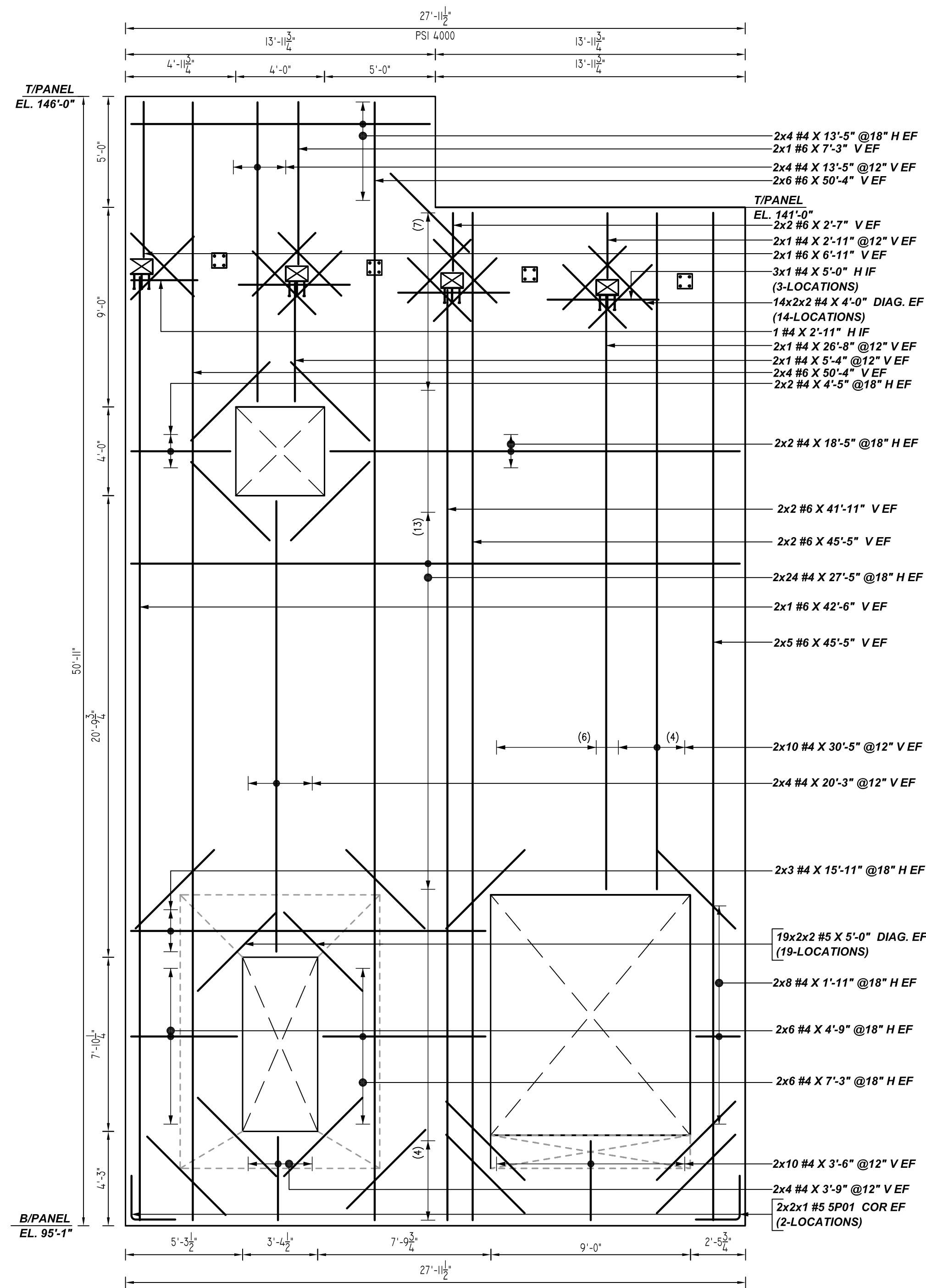
LOCATION	MIN. COVER
PANEL INNER FACE	1" CLR
PANEL OUTER FACE	1 1/2" CLR
PANEL EDGE	3" CLR

Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	W	V	U	T	S	R	Q	P
SP01	12	#5	4'-0"	17			2'-0"								
SP01	4	#4	3'-4 1/2"	3			1'-4"			2'-8 1/2"				1'-5 1/2"	2'-9"

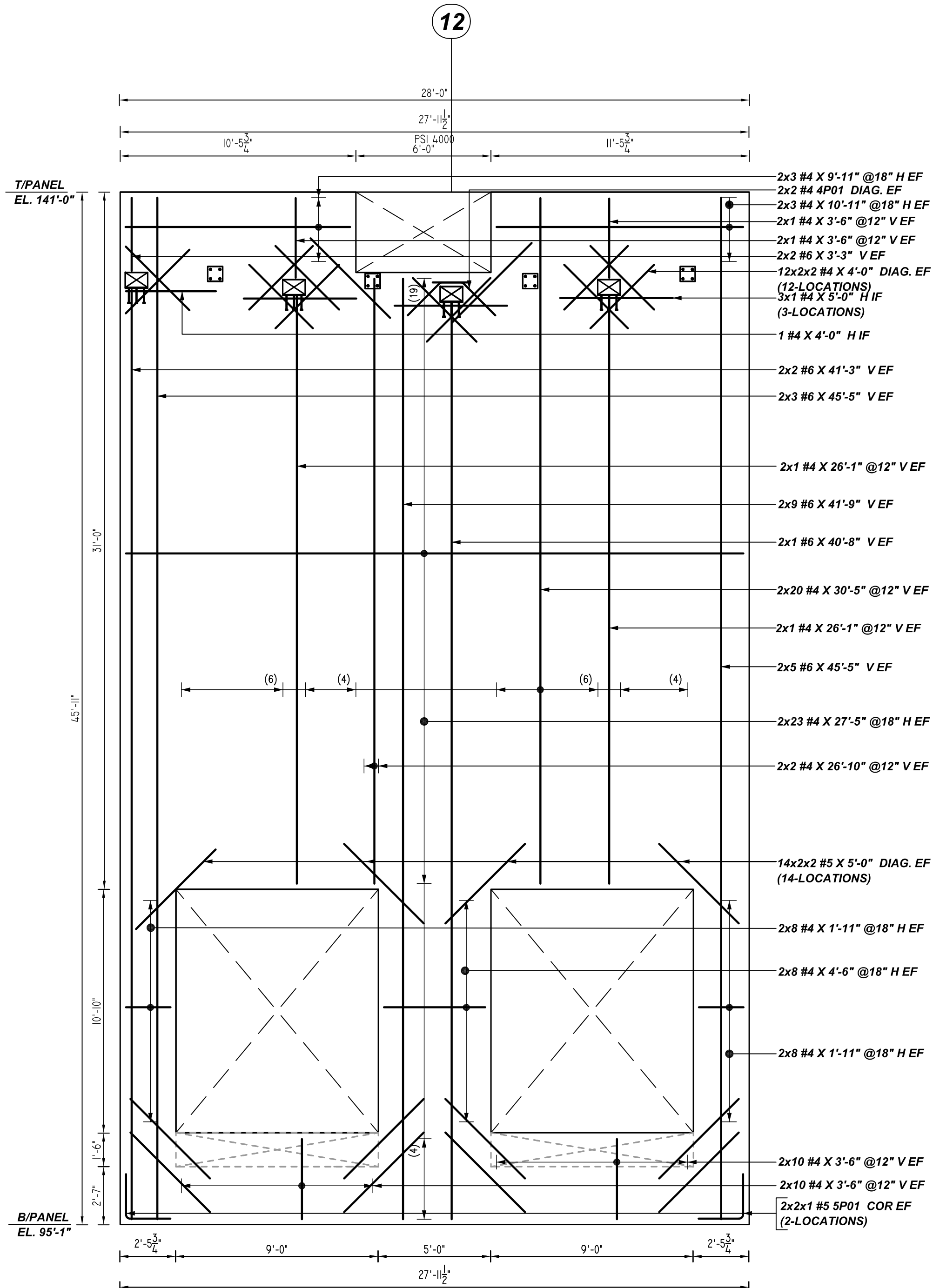


**FOR APPROVAL**

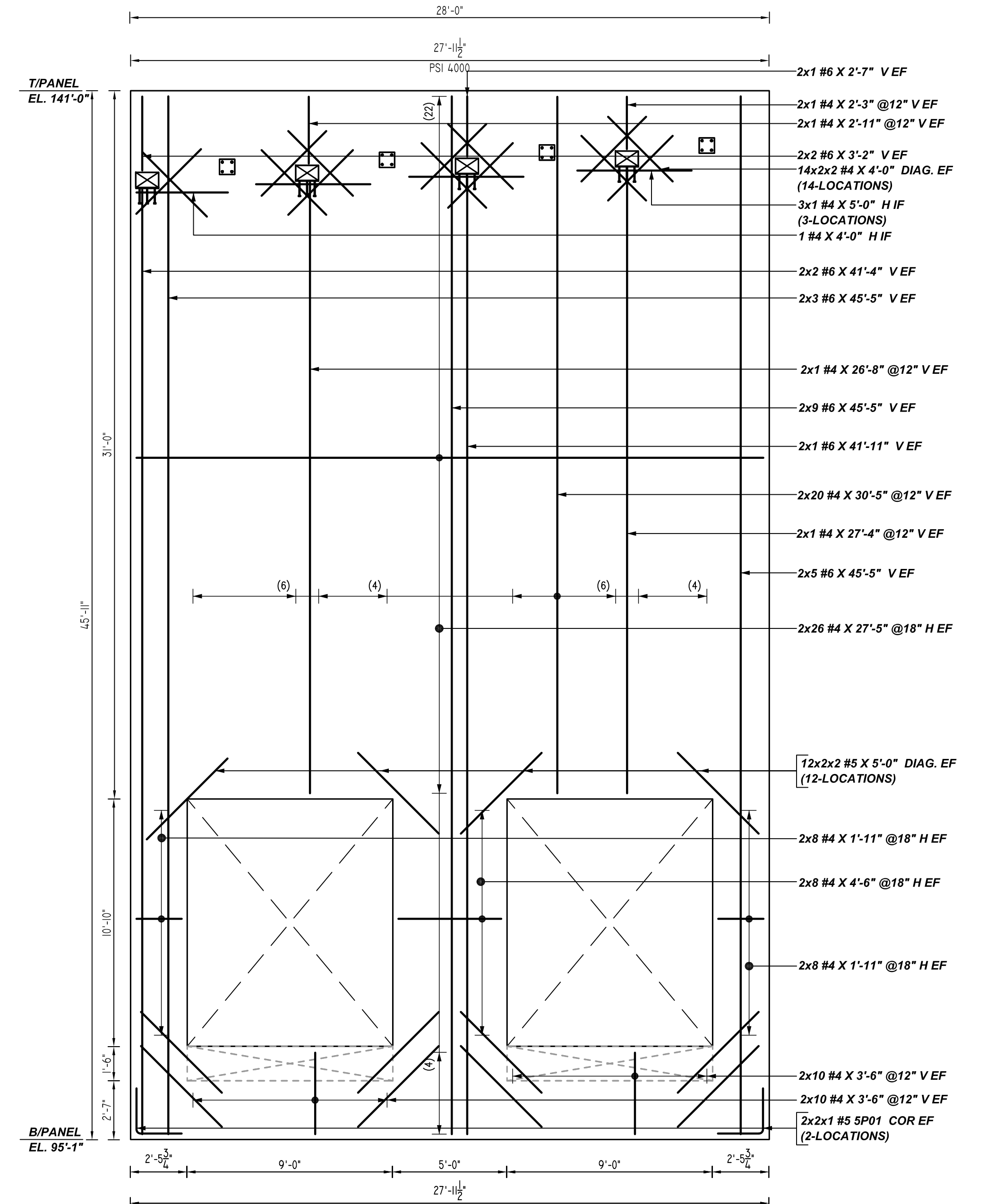
GRADE	A615/60(UNO)		
PREFIX	P		
BAR LIST NOS.			
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR
0	IFA	10/18/2022	APPROVAL
STRUCTURE	PANEL(SOUTH ELEVATION) REINF. DETAILS		
FLOOR	FOUNDATION TO TOP OF WALL		
JOB NO			
CUSTOMER	CONCRETE STRAGIES		
JOB	THE CUBES AT MESA - BLDG A		
LOCATION	E PECOS RD & S CRISMON RD, MESA, AZ 85212		
DRAWN	DATE	CONTROL CODE	DWG. NO.
MRS	10/18/2022	-	R37



**PANEL S-10**  
REF: S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"



**PANEL S-11**  
REF: S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"



**PANEL S-12**  
REF: S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"

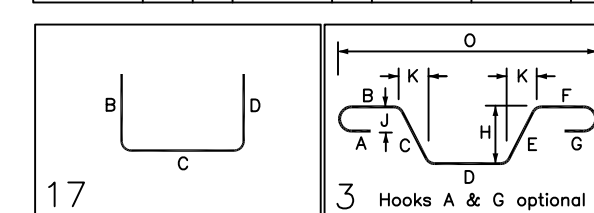
FOR BUILDING-A PANEL (NORTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R13 THRU #R27  
FOR BUILDING-A PANEL (EAST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R28 THRU #R33  
FOR BUILDING-A PANEL (SOUTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R35 THRU #R46  
FOR BUILDING-A PANEL (WEST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R47 THRU #R53  
FOR BUILDING-A PANEL (SOUTH ELEVATION) PANEL ACCESSORIES DETAILS REFER DRAWINGS #R46

**ALL BARS IN THIS DRAWING  
ASTM A615 GRADE 60  
BLACK UNCOATED**

LOCATION	MIN. COVER
PANEL INNER FACE	1" CLR
PANEL OUTER FACE	1 1/2" CLR
PANEL EDGE	3" CLR

Rebar Number: R38

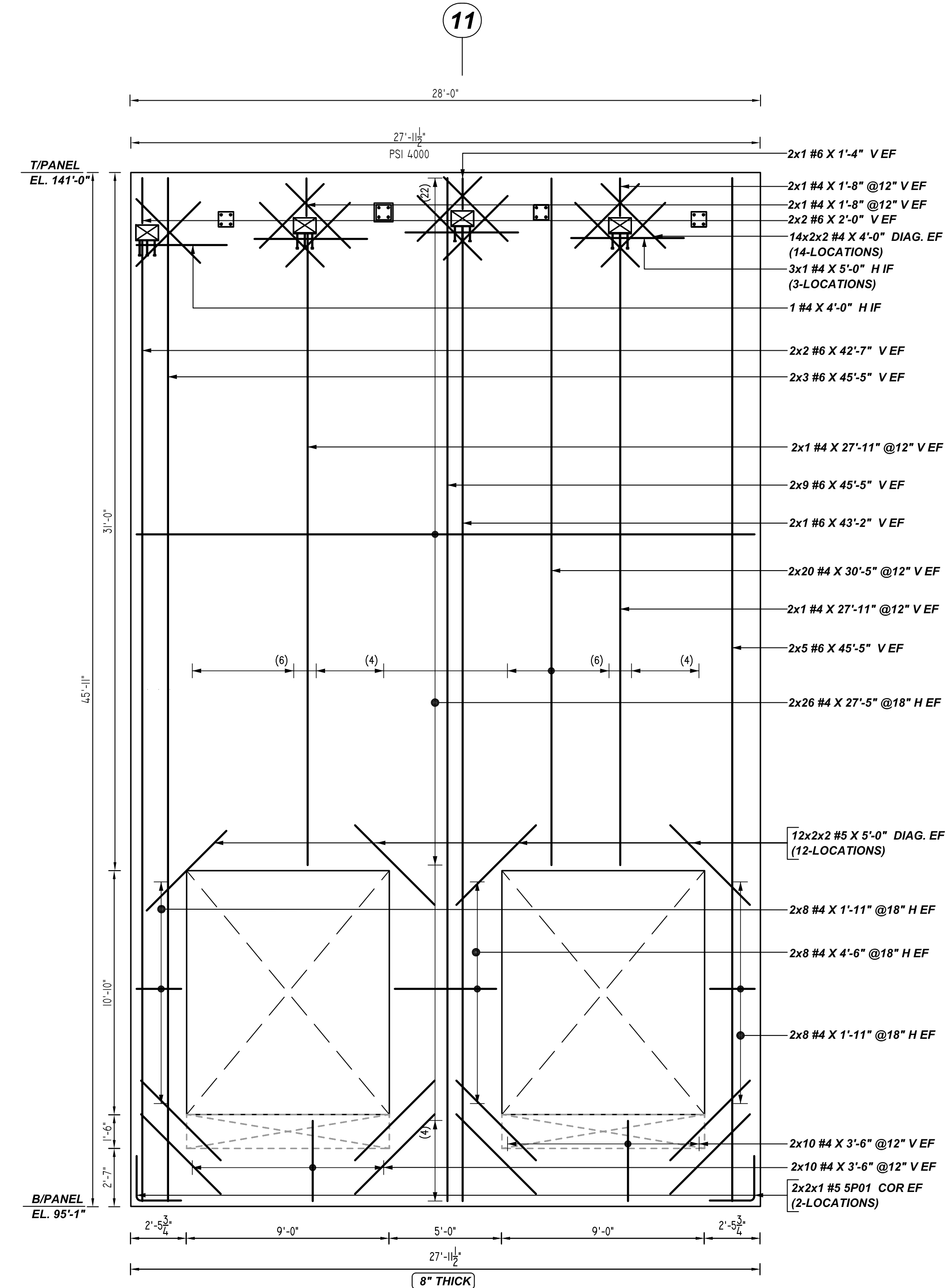
Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A		
5P01	12	#6	4'-0"	17																												
4P01	4	#4	3'-4 1/2"	3																												



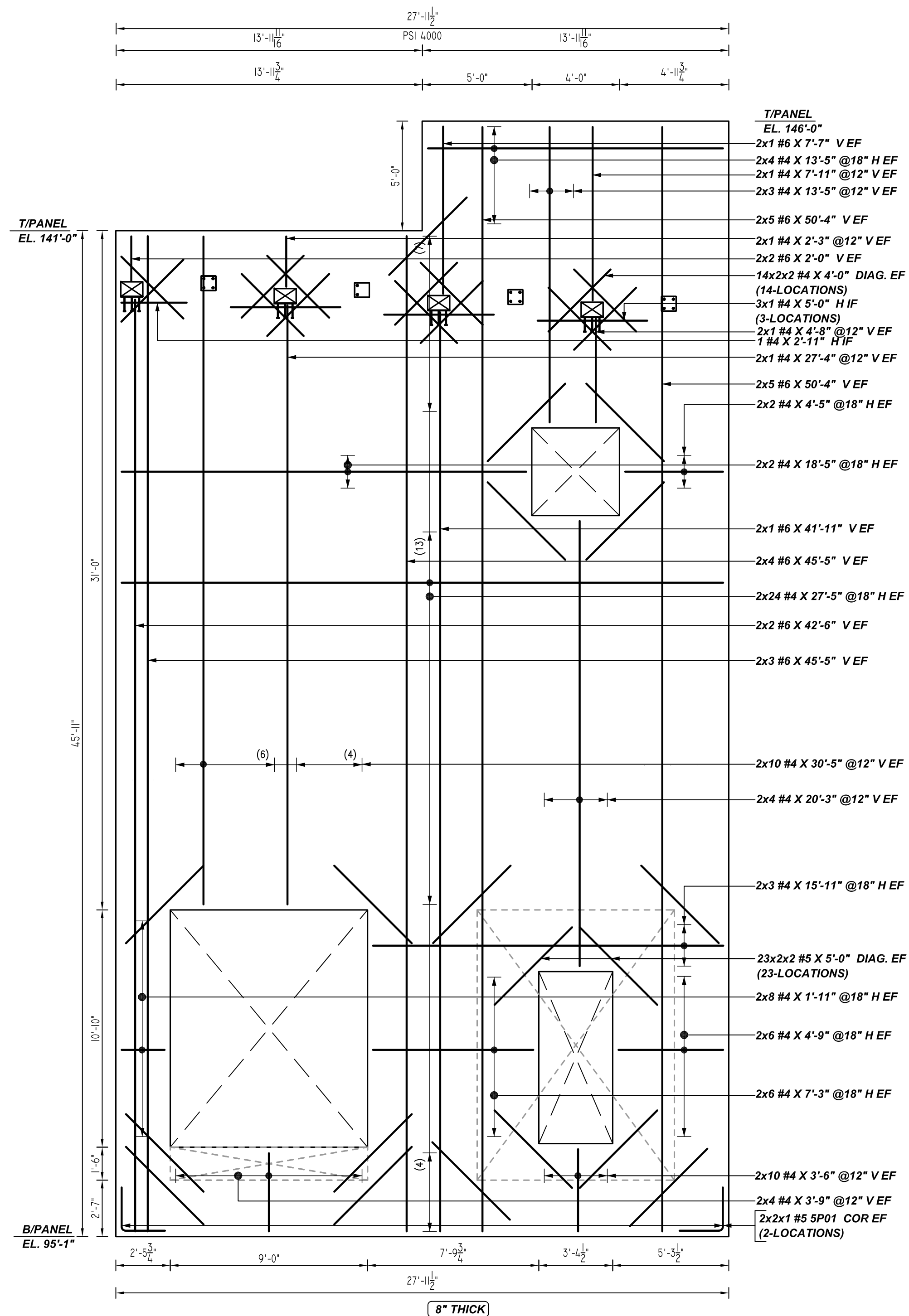
FOR APPROVAL

GRADE	A615/60(UNO)				
PREFIX	P				
BAR LIST NOS.					
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR	STRUCTURE	PANEL(SOUTH ELEVATION) REINF. DETAILS
0	IFA	10/18/2022	APPROVAL	FLOOR	FOUNDATION TO TOP OF WALL
				JOB NO	
				CUSTOMER	CONCRETE STRAGIES
				JOB	THE CUBES AT MESA - BLDG A
				LOCATION	E PECOS RD & S CRISMON RD, MESA, AZ 85212
DRAWN	DATE	CONTROL CODE	DWG. NO.		
MRS	10/18/2022	-	R38		

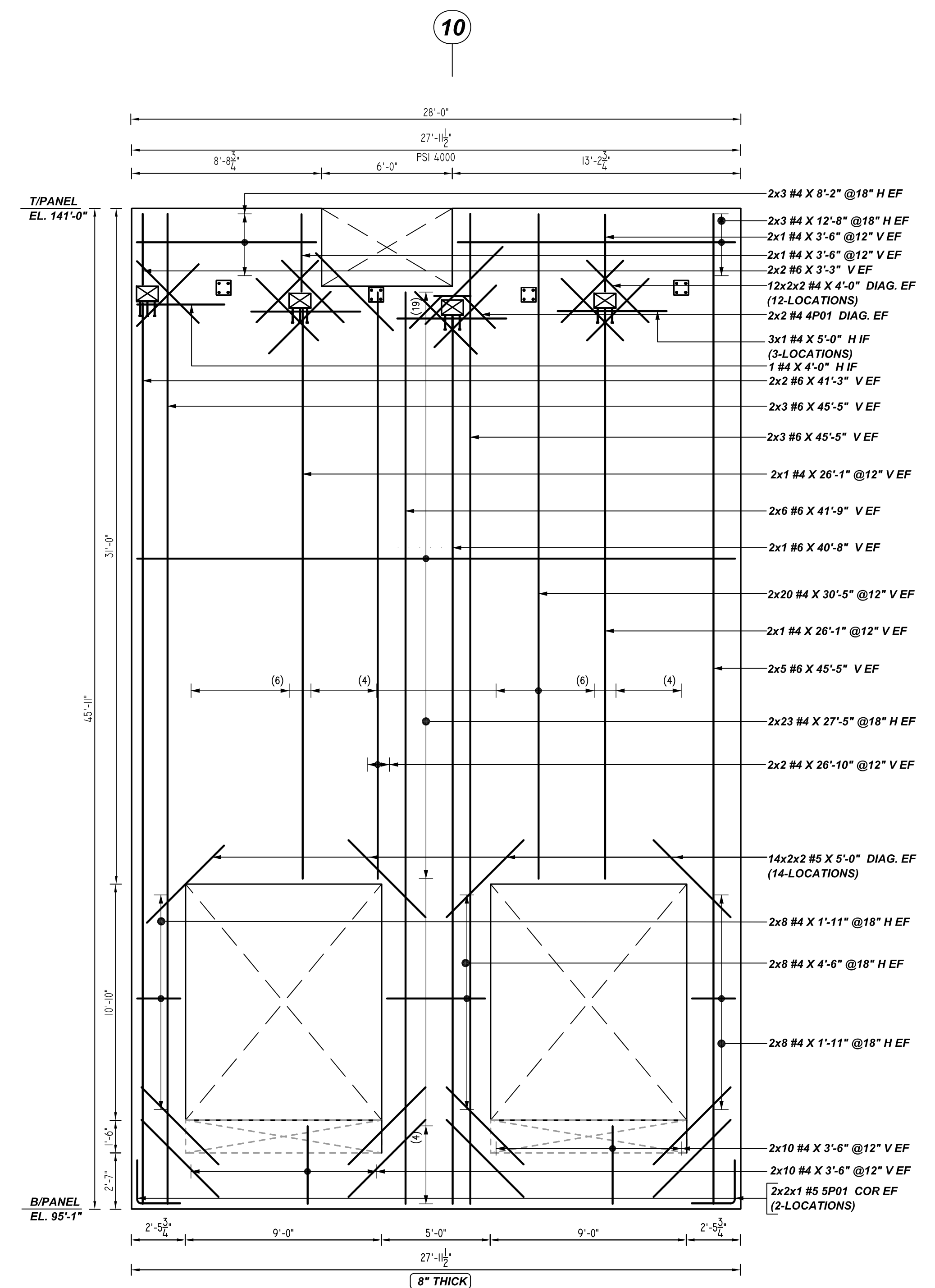




**PANEL S-13**  
 REF: S9.13 (DT.06/08/22)  
 SCALE: 1/4" = 1'-0"



**PANEL S-14**  
 REF: S9.13 (DT.06/08/22)  
 SCALE: 1/4" = 1'-0"



**PANEL S-15**  
 REF: S9.13 (DT.06/08/22)  
 SCALE: 1/4" = 1'-0"

FOR BUILDING-A PANEL (NORTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R13 THRU #R27  
 FOR BUILDING-A PANEL (EAST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R28 THRU #R33  
 FOR BUILDING-A PANEL (SOUTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R35 THRU #R46  
 FOR BUILDING-A PANEL (WEST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R47 THRU #R53  
 FOR BUILDING-A PANEL (SOUTH ELEVATION) PANEL ACCESSORIES DETAILS REFER DRAWINGS #R46

**ALL BARS IN THIS DRAWING  
 ASTM A615 GRADE 60  
 BLACK UNCOATED**

**TYPICAL REINFORCING BAR CLEARANCE TABLE**

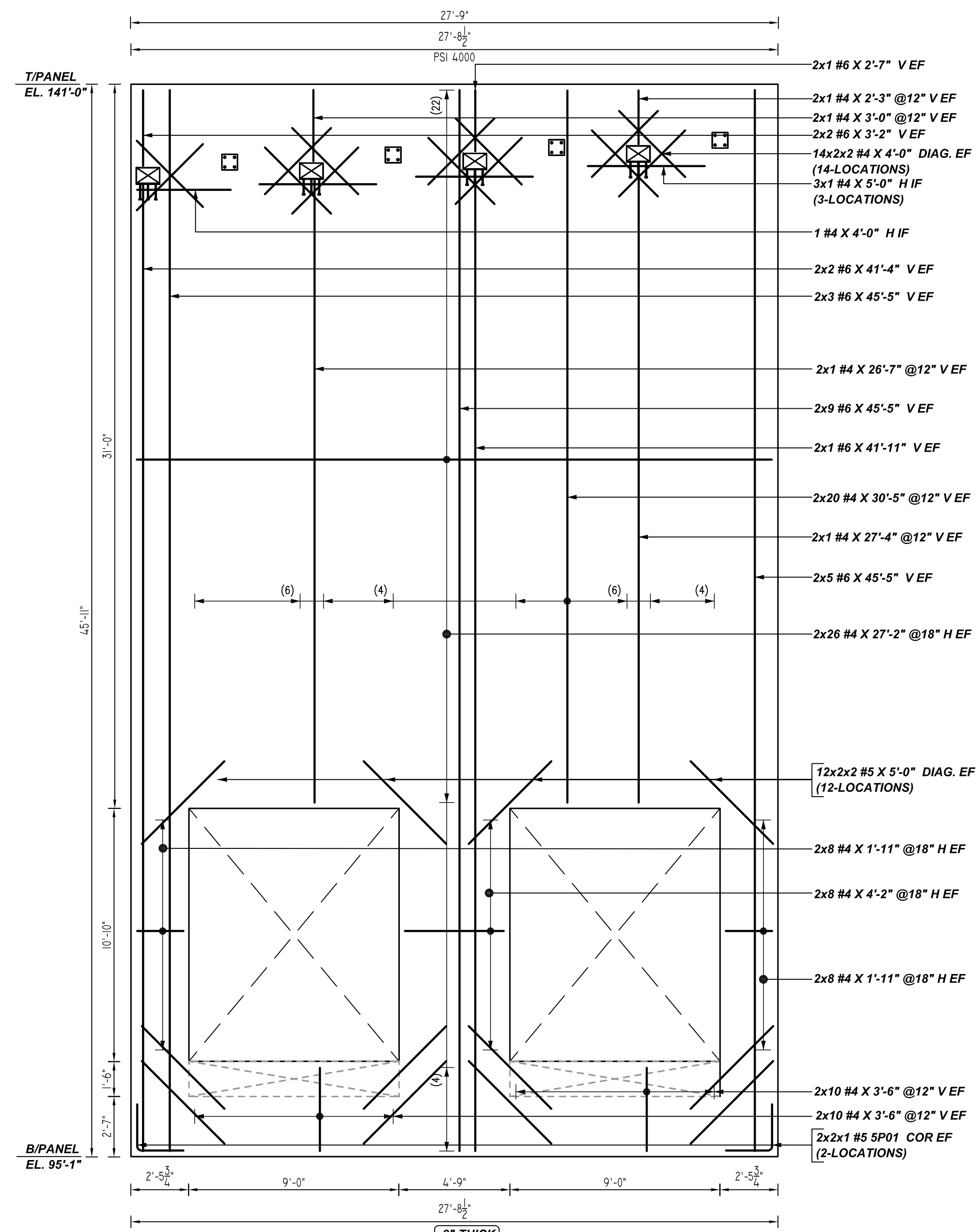
LOCATION	MIN. COVER
PANEL INNER FACE	1" CLR
PANEL OUTER FACE	1 1/2" CLR
PANEL EDGE	3" CLR

Release Number: R39

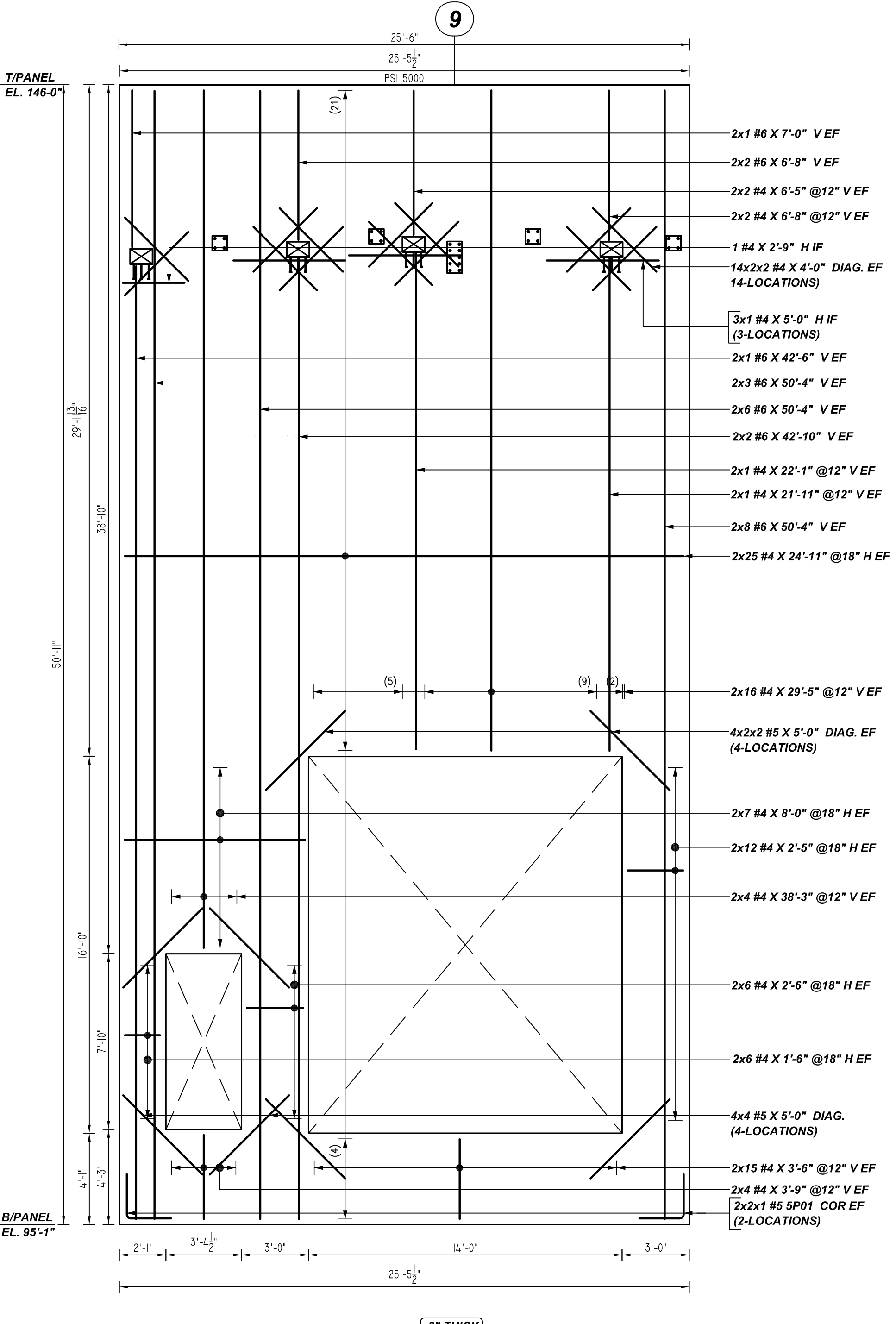
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	W'	V'	U'	T'	S'	R'	Q'	P'	O'	N'	M'	L'	K'	J'	I'	H'	G'	F'	E'	D'	C'	B'	A'		
SP01	12	#5	4'-0"	17			2'-0"	2'-0"																								
4P01	4	#4	3'-4 1/2"	3			1'-4"	2'-0 1/2"																								

FOR APPROVAL

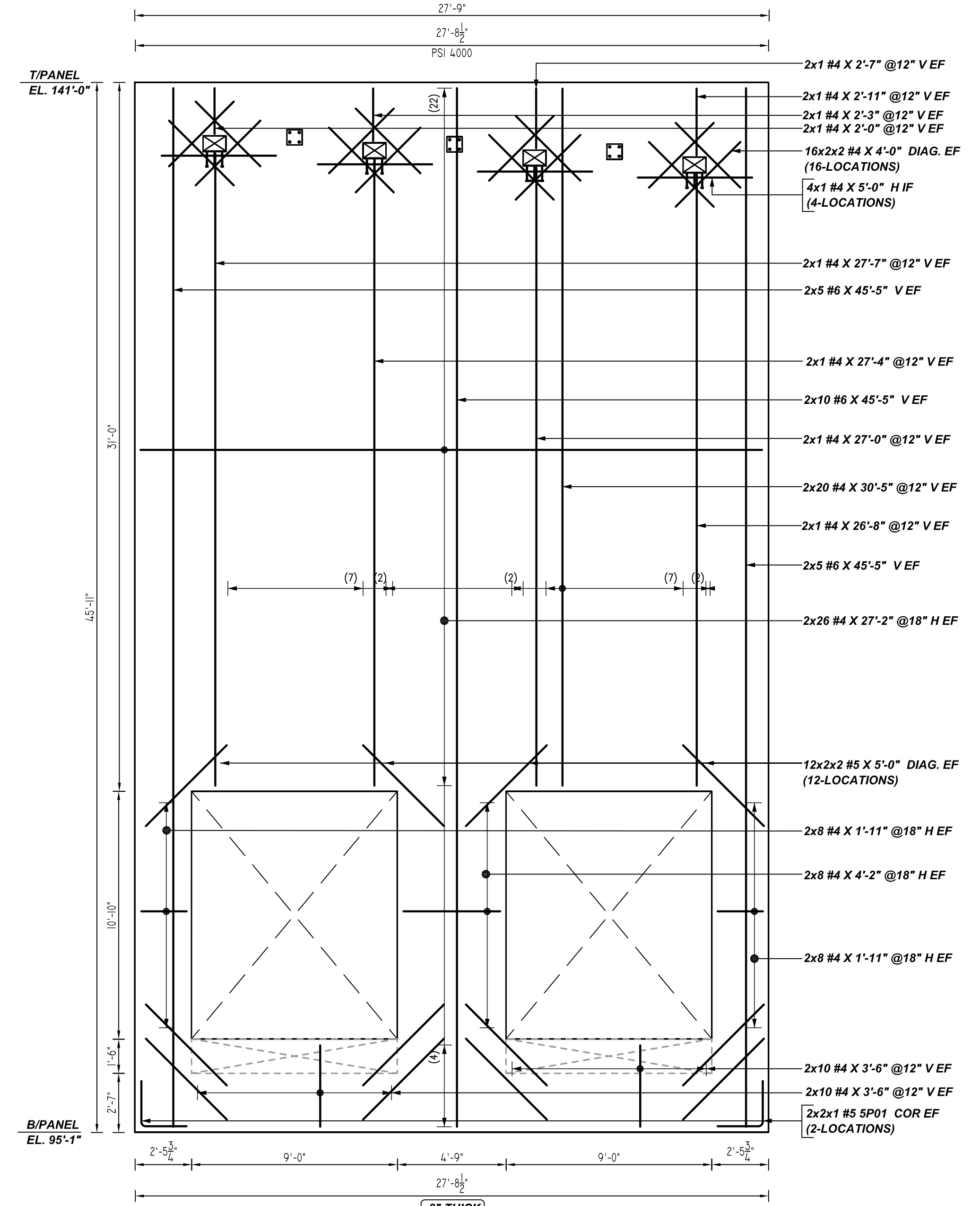
GRADE	A615/60(UNO)		
PREFIX	P		
BAR LIST NOS.			
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR
0	IFA	10/18/2022	APPROVAL
STRUCTURE	PANEL(SOUTH ELEVATION) REINF. DETAILS		
FLOOR	FOUNDATION TO TOP OF WALL		
JOB NO	-		
CUSTOMER	CONCRETE STRAGIES		
JOB	THE CUBES AT MESA - BLDG A		
LOCATION	E PECOS RD & S CRISMON RD, MESA, AZ 85212		
DRAWN	DATE	CONTROL CODE	DWG. NO.
MRS	10/18/2022	-	R39



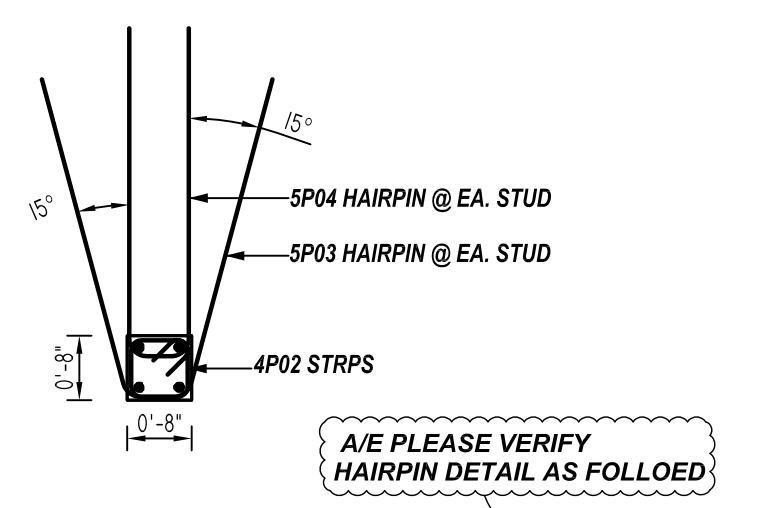
**PANEL S-16**  
REF: S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"



**PANEL S-17**  
REF: S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"



**PANEL S-18**  
REF: S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"



A/E PLEASE VERIFY HAIRPIN DETAIL AS FOLLOED

**HAIRPIN REINF @ EMBED DTL**  
REF: S9.10 (DT.06/08/22)  
SCALE: 1/2" = 1'-0"

FOR BUILDING-A PANEL (NORTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R13 THRU #R27  
FOR BUILDING-A PANEL (EAST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R28 THRU #R33  
FOR BUILDING-A PANEL (SOUTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R35 THRU #R46  
FOR BUILDING-A PANEL (WEST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R47 THRU #R53  
FOR BUILDING-A PANEL (SOUTH ELEVATION) PANEL ACESORIES DETAILS REFER DRAWINGS #R46

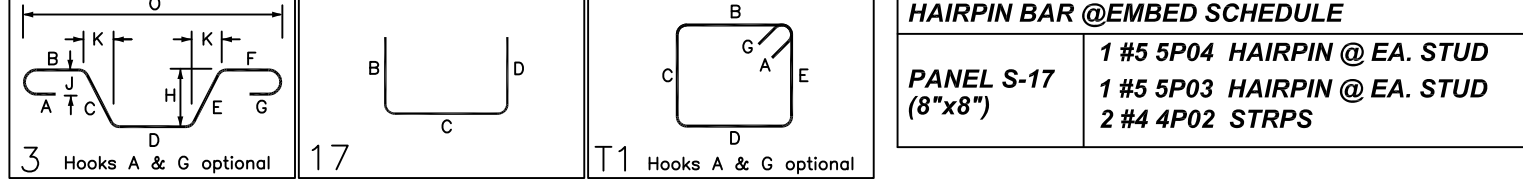
**ALL BARS IN THIS DRAWING  
ASTM A615 GRADE 60  
BLACK UNCOATED**

**TYPICAL REINFORCING BAR CLEARANCE TABLE**

LOCATION	MIN. COVER
PANEL INNER FACE	1" CLR
PANEL OUTER FACE	1 1/2" CLR
PANEL EDGE	3" CLR

Release Number: R00

Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A		
SP03	1	#5	7'-6"	3																												
SP04	1	#5	7'-6"	17																												
SP01	12	#5	4'-0"	17																												
4P02	2	#4	3'-3 1/2"	11																												



**HAIRPIN BAR @ EMBED SCHEDULE**

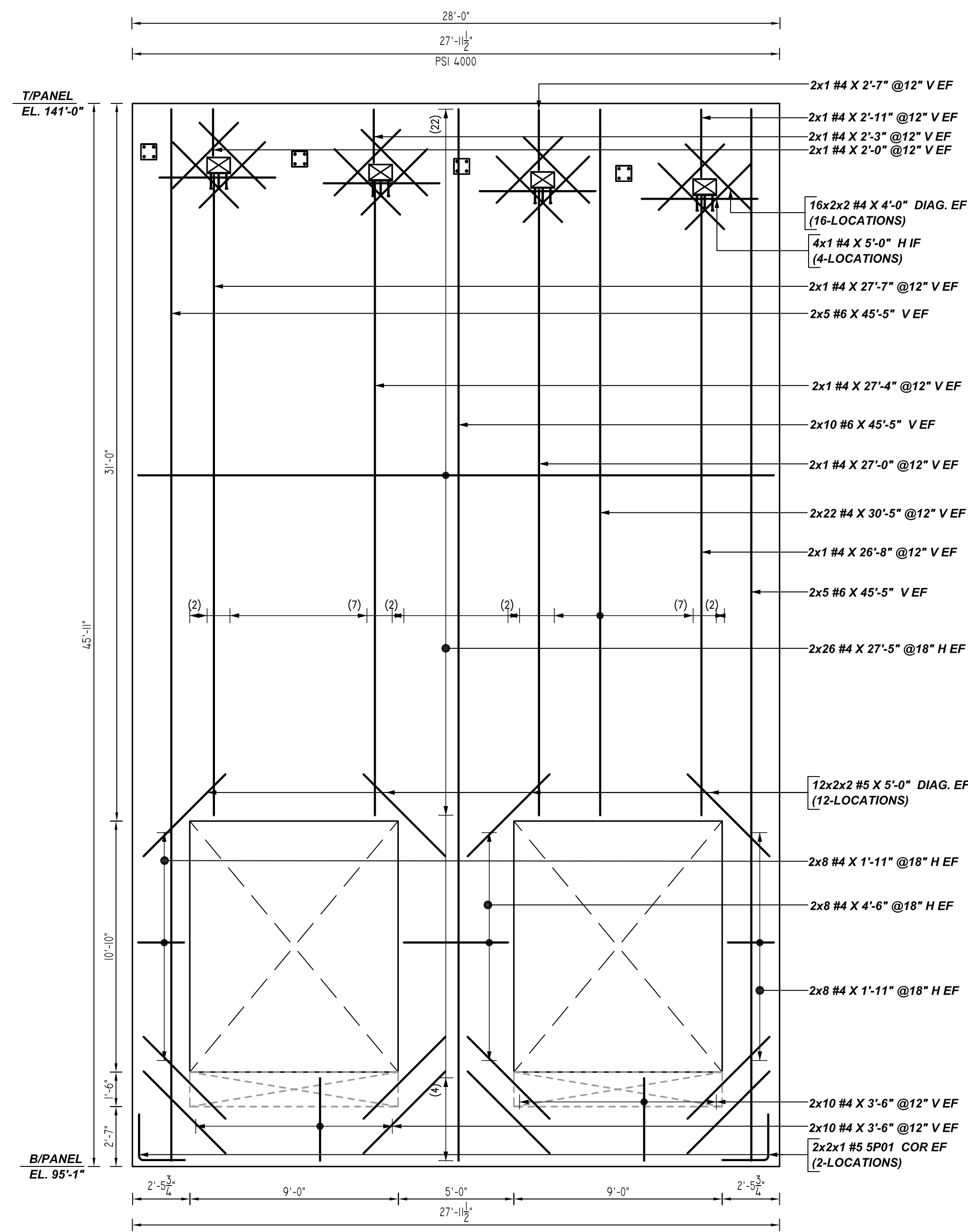
Panel	Bar Mark	Description
PANEL S-17 (8"x8")	1 #5 SP04	HAIRPIN @ EA. STUD
	1 #5 SP03	HAIRPIN @ EA. STUD
	2 #4 4P02	STRPS

FOR APPROVAL

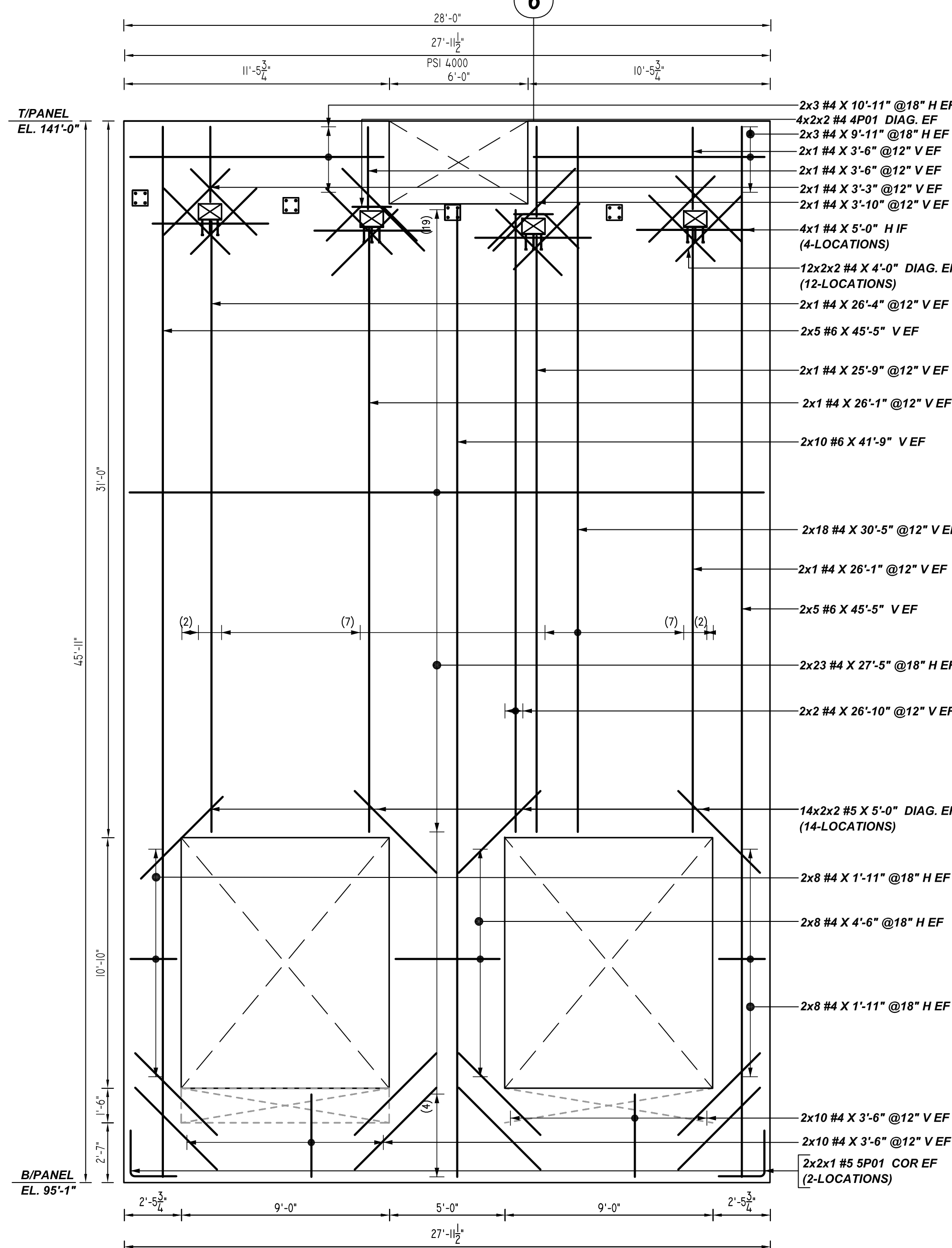
GRADE	A615/60(UNO)						
PREFIX	P						
BAR LIST NOS.							
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR	STRUCTURE	PANEL(SOUTH ELEVATION) REINF. DETAILS FOUNDATION TO TOP OF WALL		
0	IFA	10/18/2022	APPROVAL	FLOOR			
				JOB NO			
				CUSTOMER			
				JOB	CONCRETE STRAGIES		
				LOCATION	THE CUBES AT MESA - BLDG A		
				LOCATION	E PECOS RD & S CRISMON RD, MESA, AZ 85212		
				DRAWN	DATE	CONTROL CODE	DWG. NO.
	MRS	10/18/2022					R40



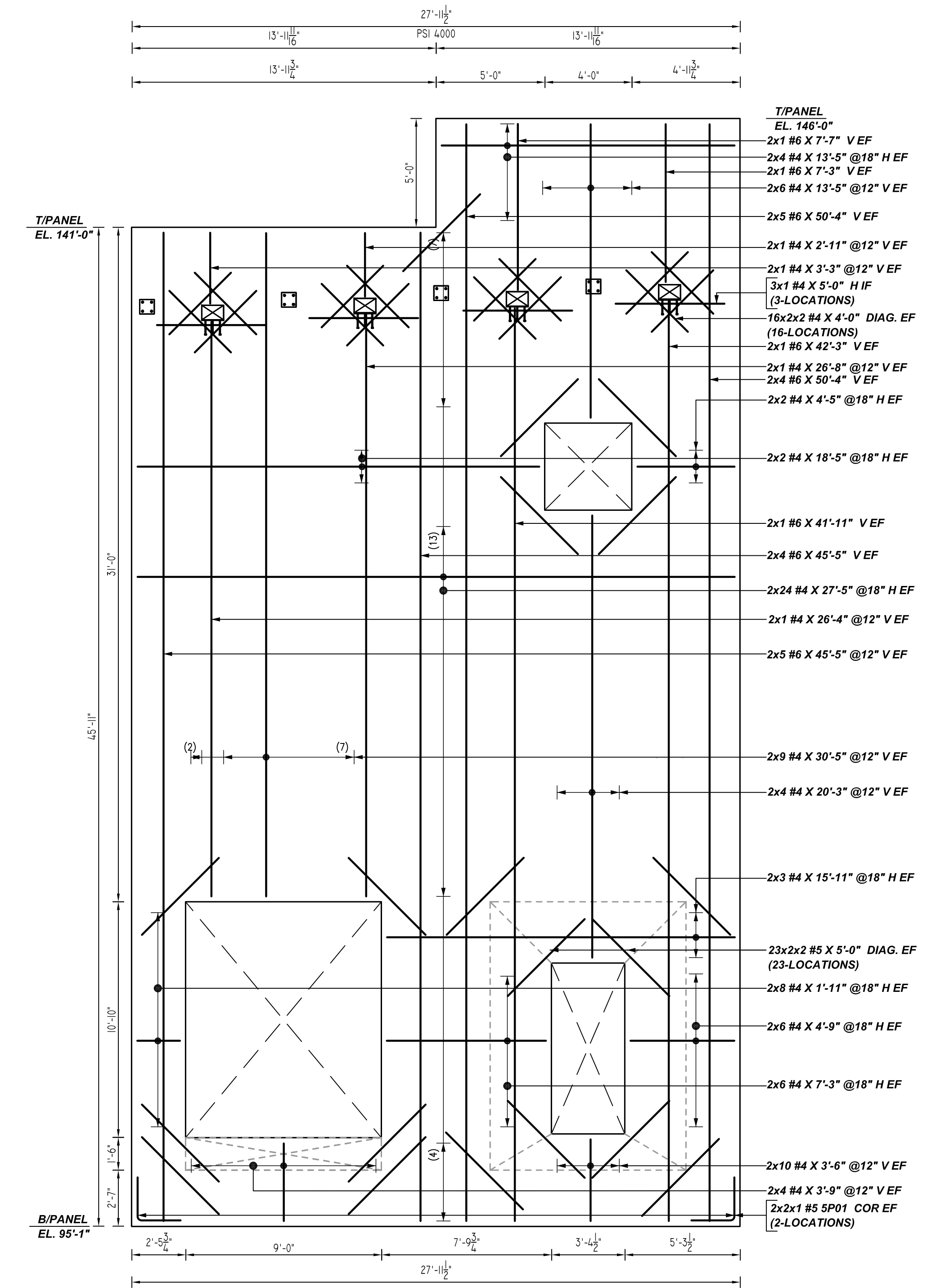




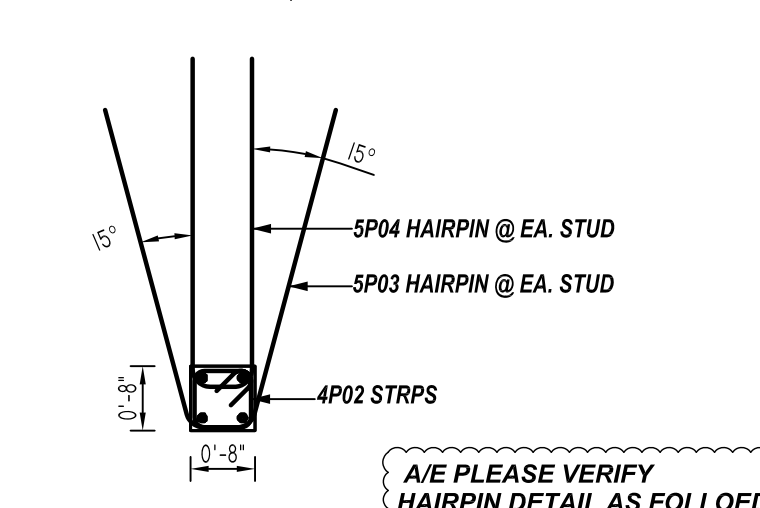
**PANEL S-22**  
REF:S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"



**PANEL S-23**  
REF:S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"



**PANEL S-24**  
REF:S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"

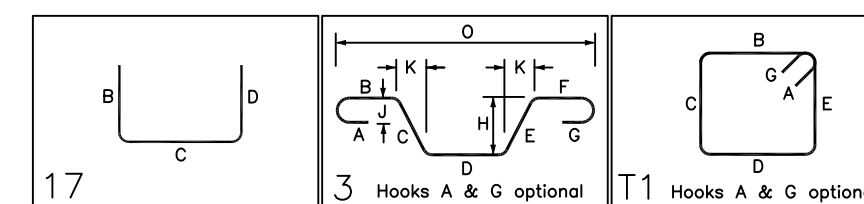


FOR BUILDING-A PANEL (NORTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R13 THRU #R27  
FOR BUILDING-A PANEL (EAST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R28 THRU #R33  
FOR BUILDING-A PANEL (SOUTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R35 THRU #R46  
FOR BUILDING-A PANEL (WEST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R47 THRU #R53  
FOR BUILDING-A PANEL (SOUTH ELEVATION) PANEL ACCESSORIES DETAILS REFER DRAWINGS #R46

**ALL BARS IN THIS DRAWING  
ASTM A615 GRADE 60  
BLACK UNCOATED**

LOCATION	MIN. COVER
PANEL INNER FACE	1" CLR
PANEL OUTER FACE	1 1/2" CLR
PANEL EDGE	3" CLR

Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A	
SP01	12	#5	4'-0"	17																											
SP03	3	#5	7'-6"	3																											
SP04	3	#5	7'-6"	17																											
4P01	16	#4	3'-4"	3																											
4P02	6	#4	3'-5 1/2"	11																											

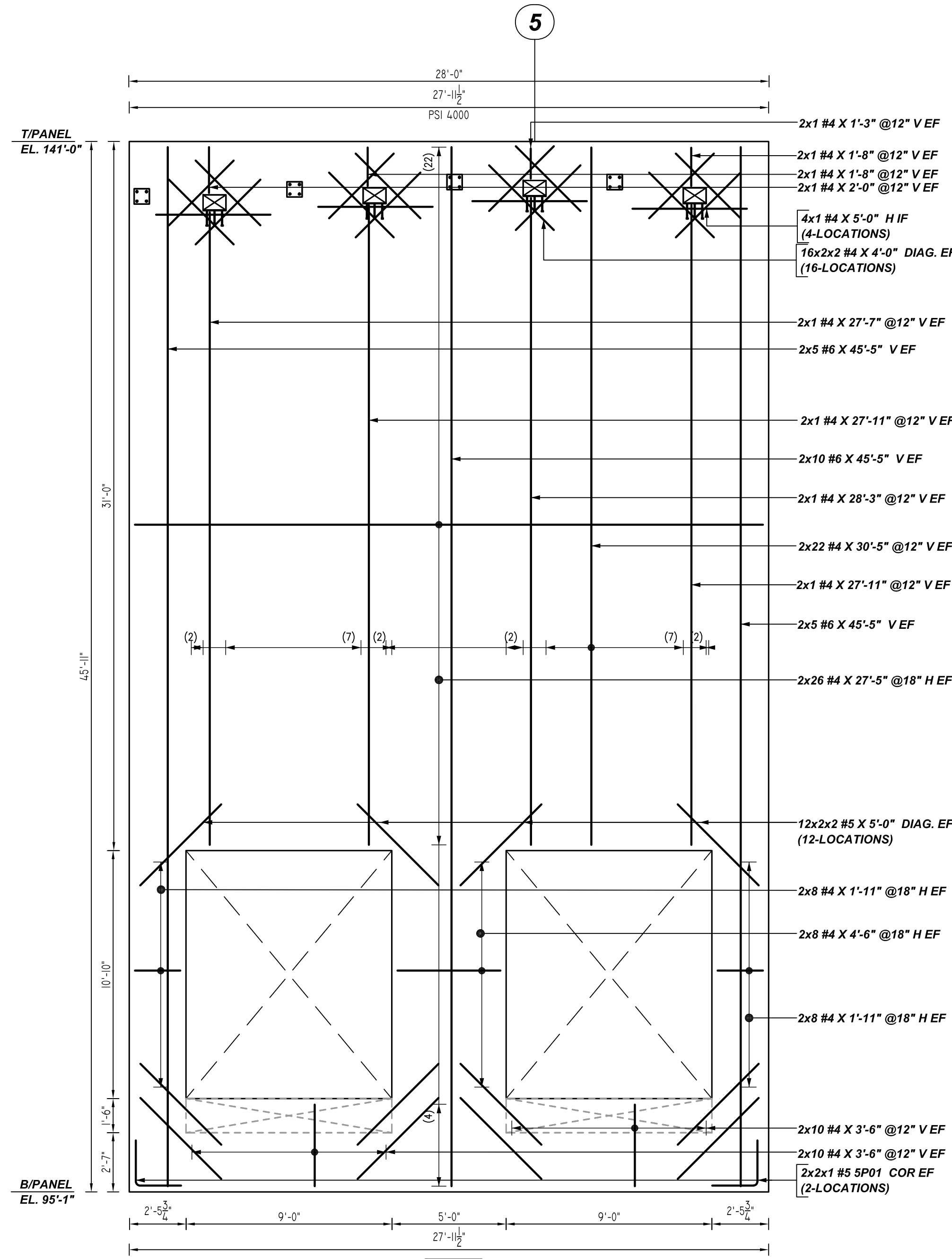


HAIRPIN BAR @ EMBED SCHEDULE	HAIRPIN BAR @ EMBED SCHEDULE
PANEL S-22 (8"x8")	1 #5 SP04 HAIRPIN @ EA. STUD 1 #5 SP03 HAIRPIN @ EA. STUD 2 #4 4P02 STRPS
PANEL S-23 (8"x8")	1 #5 SP04 HAIRPIN @ EA. STUD 1 #5 SP03 HAIRPIN @ EA. STUD 2 #4 4P02 STRPS
PANEL S-24 (8"x8")	1 #5 SP04 HAIRPIN @ EA. STUD 1 #5 SP03 HAIRPIN @ EA. STUD 2 #4 4P02 STRPS

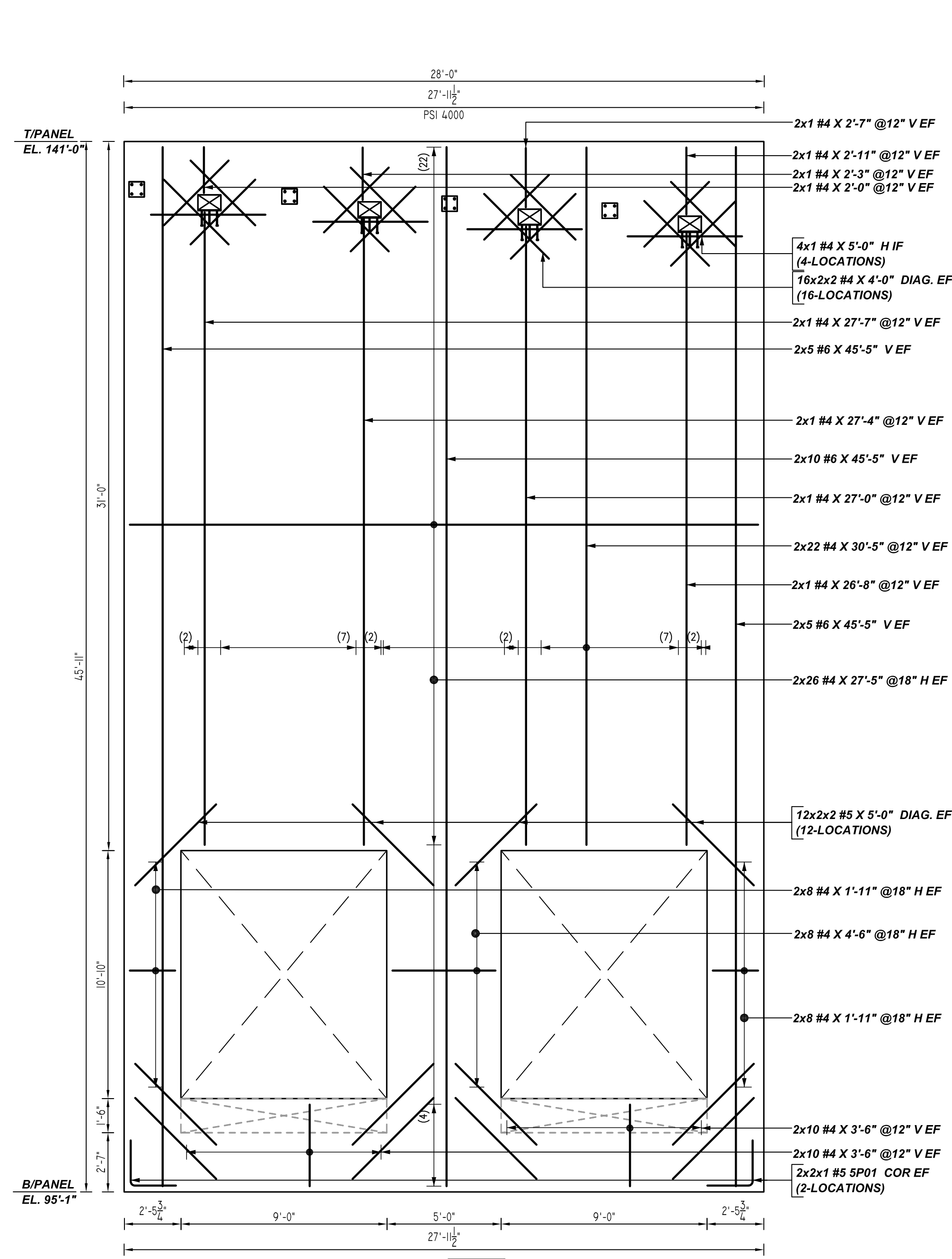
FOR APPROVAL

**HAIRPIN REINF @ EMBED DTL**  
REF:S9.10 (DT.06/08/22)  
SCALE: 1/2" = 1'-0"

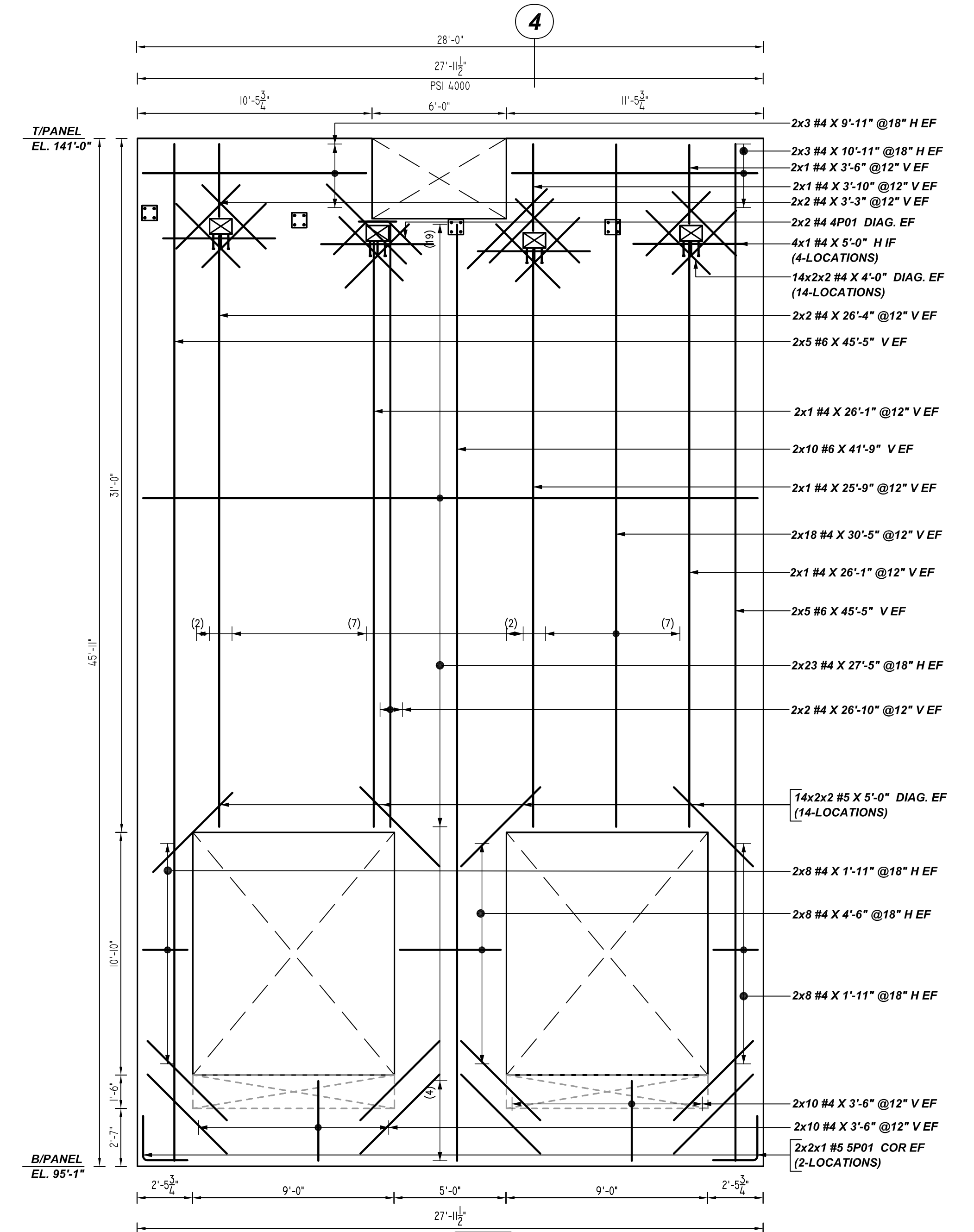
GRADE	A615/60(UNO)		
PREFIX	P		
BAR LIST NOS.			
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR
0	IFA	10/18/2022	APPROVAL
STRUCTURE	PANEL(SOUTH ELEVATION) REINF. DETAILS		
FLOOR	FOUNDATION TO TOP OF WALL		
JOB NO	-		
CUSTOMER	CONCRETE STRAGIES		
JOB	THE CUBES AT MESA - BLDG A		
LOCATION	E PECOS RD & S CRISMON RD, MESA, AZ 85212		
DRAWN	DATE	CONTROL CODE	DWG. NO.
MRS	10/18/2022	-	R42



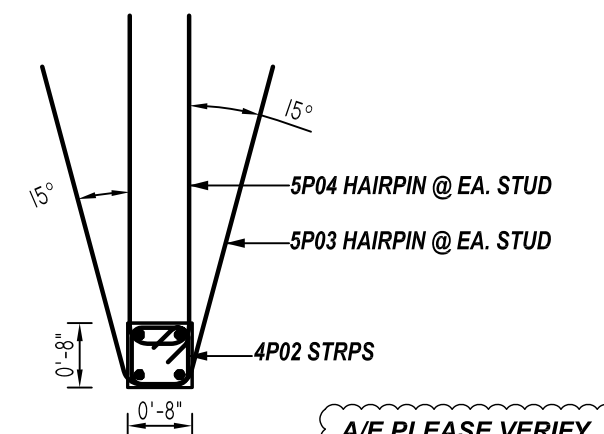
**PANEL S-25**  
REF: S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"



**PANEL S-26**  
REF: S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"



**PANEL S-27**  
REF: S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"



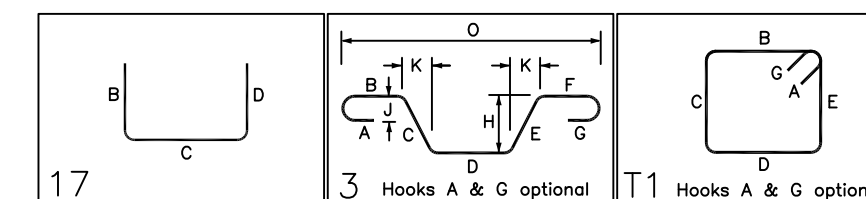
**HAIRPIN REINF @ EMBED DTL**  
REF: S9-10 (DT.06/08/22)  
SCALE: 1/2" = 1'-0"

FOR BUILDING-A PANEL (NORTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R13 THRU #R27  
FOR BUILDING-A PANEL (EAST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R28 THRU #R33  
FOR BUILDING-A PANEL (SOUTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R35 THRU #R46  
FOR BUILDING-A PANEL (WEST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R47 THRU #R53  
FOR BUILDING-A PANEL (SOUTH ELEVATION) PANEL ACCESSORIES DETAILS REFER DRAWINGS #R46

**ALL BARS IN THIS DRAWING  
ASTM A615 GRADE 60  
BLACK UNCOATED**

TYPICAL REINFORCING BAR CLEARANCE TABLE	
LOCATION	MIN. COVER
PANEL INNER FACE	1" CLR
PANEL OUTER FACE	1 1/2" CLR
PANEL EDGE	3" CLR

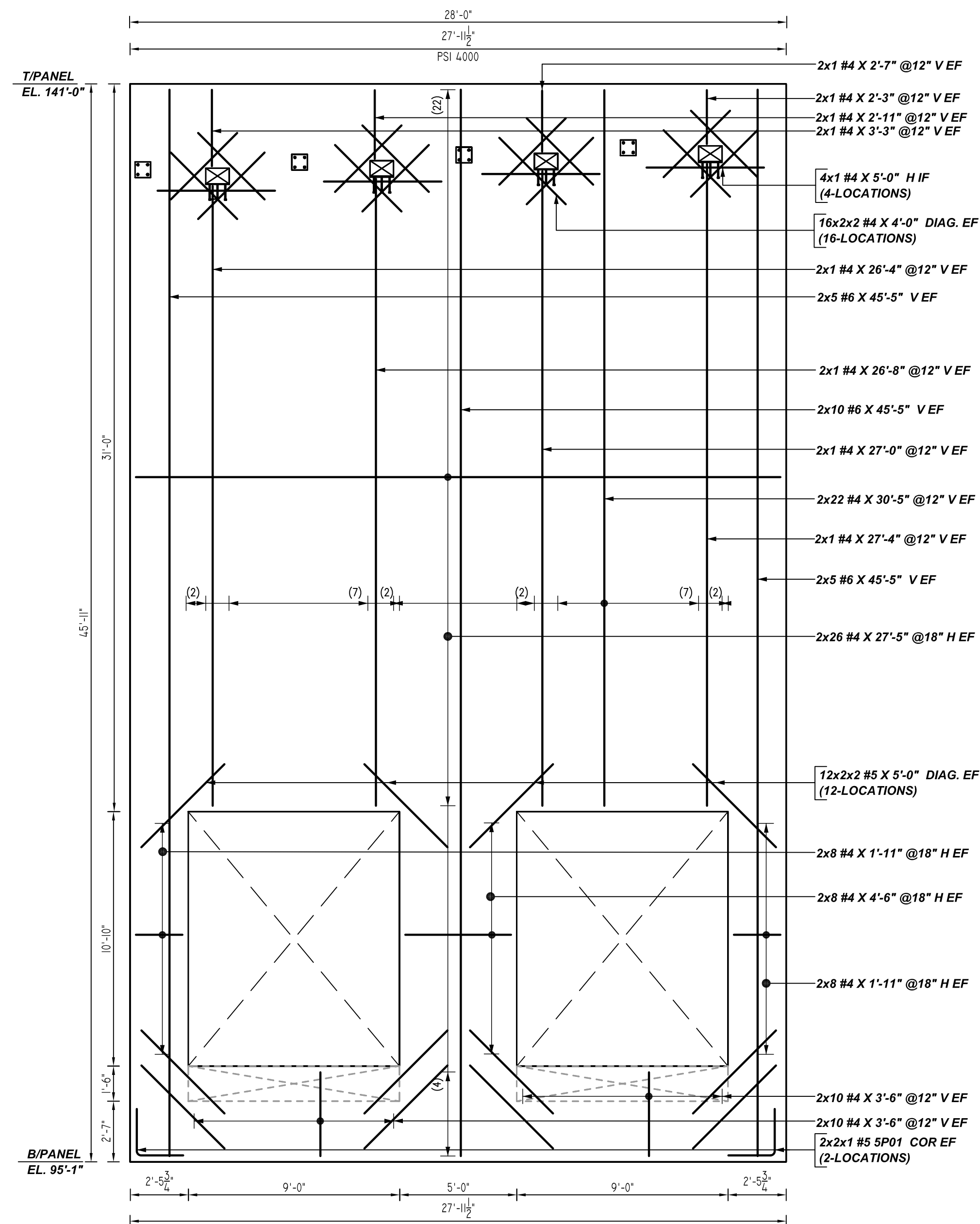
Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A		
SP01	12	#5	4'-0"	17																												
SP03	3	#5	7'-6"	3																												
SP04	3	#5	7'-6"	3																												
AP01	4	#4	3'-4 1/2"	3																												
AP02	6	#4	3'-3 1/2"	11																												



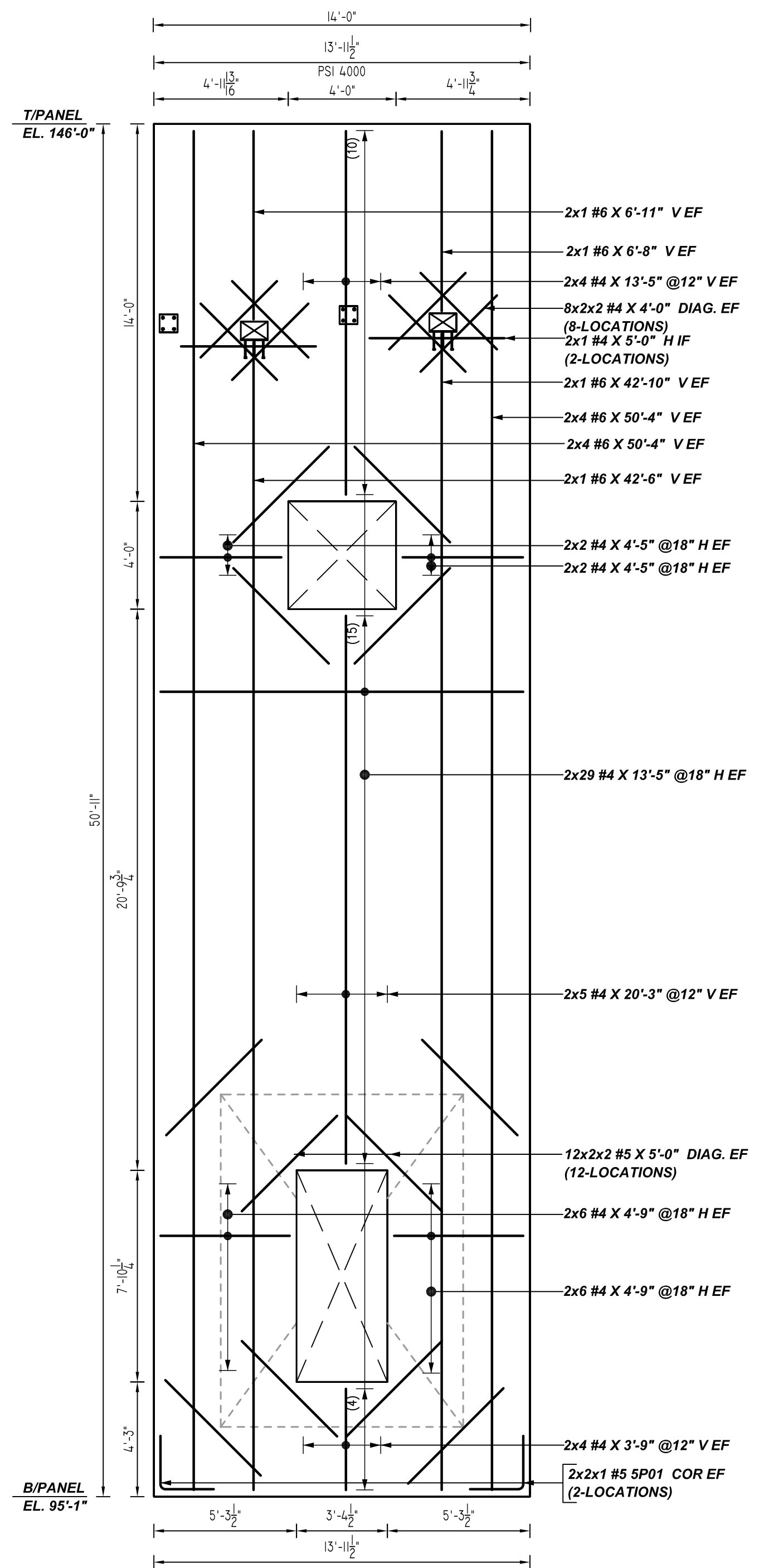
HAIRPIN BAR @ EMBED SCHEDULE	
PANEL S-25 (8"x8")	1 #5 5P04 HAIRPIN @ EA. STUD 1 #5 5P03 HAIRPIN @ EA. STUD 2 #4 4P02 STRPS
PANEL S-26 (8"x8")	1 #5 5P04 HAIRPIN @ EA. STUD 1 #5 5P03 HAIRPIN @ EA. STUD 2 #4 4P02 STRPS
PANEL S-27 (8"x8")	1 #5 5P04 HAIRPIN @ EA. STUD 1 #5 5P03 HAIRPIN @ EA. STUD 2 #4 4P02 STRPS

FOR APPROVAL

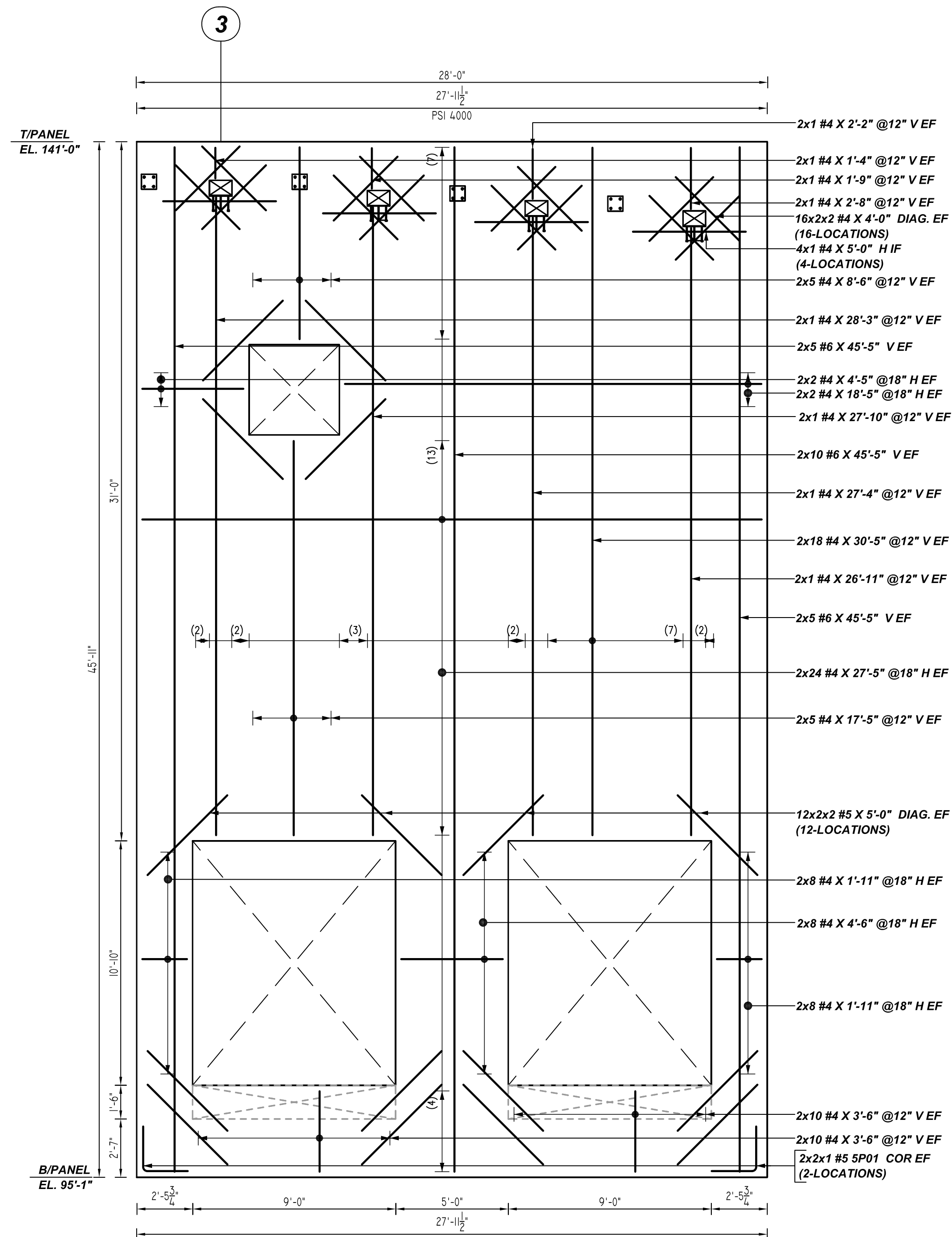
GRADE	A615/60(UNO)		
PREFIX	P		
BAR LIST NOS.			
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR
0	IFA	10/18/2022	APPROVAL
STRUCTURE	PANEL(SOUTH ELEVATION) REINF. DETAILS		
FLOOR	FOUNDATION TO TOP OF WALL		
JOB NO			
CUSTOMER	CONCRETE STRAGIES		
JOB	THE CUBES AT MESA - BLDG A		
LOCATION	E PECOS RD & S CRISMON RD, MESA, AZ 85212		
DRAWN	DATE	CONTROL CODE	DWG. NO.
MRS	10/18/2022	-	R43



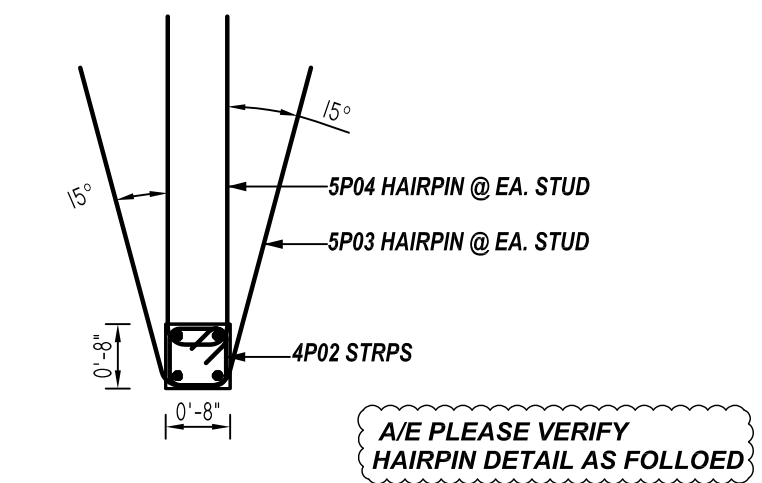
**PANEL S-28**  
REF: S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"



**PANEL S-29**  
REF: S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"



**PANEL S-30**  
REF: S9.13 (DT.06/08/22)  
SCALE: 1/4" = 1'-0"



**HAIRPIN REINF @ EMBED DTL**  
REF: S9-10 (DT.06/08/22)  
SCALE: 1/2" = 1'-0"

FOR APPROVAL

FOR BUILDING-A PANEL (NORTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R13 THRU #R27  
FOR BUILDING-A PANEL (EAST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R28 THRU #R33  
FOR BUILDING-A PANEL (SOUTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R35 THRU #R46  
FOR BUILDING-A PANEL (WEST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R47 THRU #R53  
FOR BUILDING-A PANEL (SOUTH ELEVATION) PANEL ACCESSORIES DETAILS REFER DRAWINGS #R46

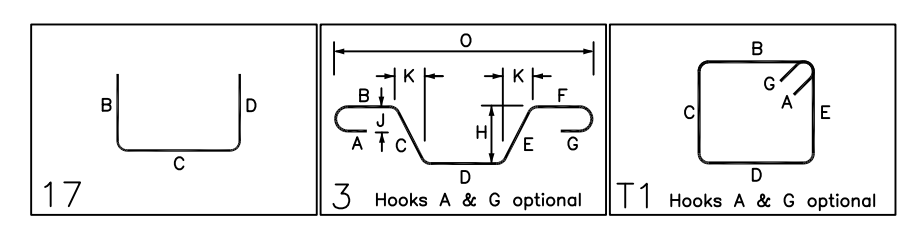
**ALL BARS IN THIS DRAWING  
ASTM A615 GRADE 60  
BLACK UNCOATED**

**TYPICAL REINFORCING BAR CLEARANCE TABLE**

LOCATION	MIN. COVER
PANEL INNER FACE	1" CLR
PANEL OUTER FACE	1 1/2" CLR
PANEL EDGE	3" CLR

Release Number: R44

Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A		
SP01	12	#5	4'-0"	17																												
SP03	3	#5	7'-0"	3																												
SP04	3	#5	7'-0"	11																												
4P02	4	#4	5'-3"	11																												



**HAIRPIN BAR @ EMBED SCHEDULE**

<b>PANEL S-28</b> (8"x8")	1 #5 SP04 HAIRPIN @ EA. STUD 1 #5 SP03 HAIRPIN @ EA. STUD 2 #4 4P02 STRPS
<b>PANEL S-29</b> (8"x8")	1 #5 SP04 HAIRPIN @ EA. STUD 1 #5 SP03 HAIRPIN @ EA. STUD 2 #4 4P02 STRPS
<b>PANEL S-30</b> (8"x8")	1 #5 SP04 HAIRPIN @ EA. STUD 1 #5 SP03 HAIRPIN @ EA. STUD 2 #4 4P02 STRPS

GRADE	A615/60(UNO)		
PREFIX	P		
BAR LIST NOS.			
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR
0	IFA	10/18/2022	APPROVAL
STRUCTURE	PANEL(SOUTH ELEVATION) REINF. DETAILS		
FLOOR	FOUNDATION TO TOP OF WALL		
JOB NO	-		
CUSTOMER	CONCRETE STRAGIES		
JOB	THE CUBES AT MESA - BLDG A		
LOCATION	E PECOS RD & S CRISMON RD, MESA, AZ 85212		
DRAWN	DATE	CONTROL CODE	DWG. NO.
MRS	10/18/2022	-	R44





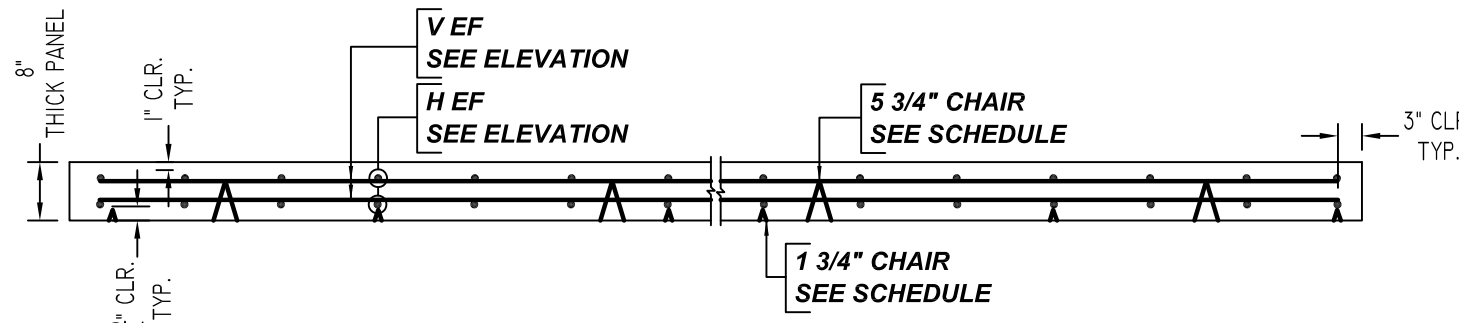
A/E PLEASE VERIFY CHAIRS SPACING (TYP.)

**ACCESSORIES DETAILS**

S. NO	ELEMENT	DESCRIPTION	PCS	LFT	REMARK
1	PANEL S-01 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	368	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	92	-	CHAIR TO TOP SUPPORT
2	PANEL S-02 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	272	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	68	-	CHAIR TO TOP SUPPORT
3	PANEL S-03 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	300	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	75	-	CHAIR TO TOP SUPPORT
4	PANEL S-04 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	150	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	40	-	CHAIR TO TOP SUPPORT
5	PANEL S-05 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
6	PANEL S-06 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
7	PANEL S-07 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
8	PANEL S-08 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
9	PANEL S-09 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
10	PANEL S-10 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	330	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	83	-	CHAIR TO TOP SUPPORT
11	PANEL S-11 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
12	PANEL S-12 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
13	PANEL S-13 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
14	PANEL S-14 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	330	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	83	-	CHAIR TO TOP SUPPORT
15	PANEL S-15 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
16	PANEL S-16 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
17	PANEL S-17 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
18	PANEL S-18 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
19	PANEL S-19 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
20	PANEL S-20 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	330	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	83	-	CHAIR TO TOP SUPPORT
21	PANEL S-21 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
22	PANEL S-22 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
23	PANEL S-23 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
24	PANEL S-24 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	330	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	83	-	CHAIR TO TOP SUPPORT
25	PANEL S-25 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT

**ACCESSORIES DETAILS**

S. NO	ELEMENT	DESCRIPTION	PCS	LFT	REMARK
26	PANEL S-26 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
27	PANEL S-27 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
28	PANEL S-28 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
29	PANEL S-29 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	165	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	42	-	CHAIR TO TOP SUPPORT
30	PANEL S-30 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	305	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	76	-	CHAIR TO TOP SUPPORT
31	PANEL S-31 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	330	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	83	-	CHAIR TO TOP SUPPORT
32	PANEL S-32 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	300	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	74	-	CHAIR TO TOP SUPPORT
33	PANEL S-33 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	310	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	78	-	CHAIR TO TOP SUPPORT
34	PANEL S-34 8" THICK PANEL	1 1/2" CHAIRS @4'-0" C/C	-	82	CHAIR TO BOTTOM SUPPORT
		5/8" CHAIRS @4'-0" C/C	21	-	CHAIR TO TOP SUPPORT



**TYPICAL PANEL SECTION**

SCALE - 1/2"=1'-0"  
REF:S.01

FOR BUILDING-A PANEL (NORTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R13 THRU #R27  
 FOR BUILDING-A PANEL (EAST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R28 THRU #R33  
 FOR BUILDING-A PANEL (SOUTH ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R35 THRU #R46  
 FOR BUILDING-A PANEL (WEST ELEVATION) REINFORCEMENT DETAILS PLAN & SECTIONS REFER DRAWINGS #R47 THRU #R53  
 FOR BUILDING-A PANEL (SOUTH ELEVATION) PANEL ACCESSORIES DETAILS REFER DRAWINGS #R46

A/E PLEASE VERIFY THE ALL CLOUDED DIMENSIONS

FOR APPROVAL

GRADE	A615/60(UNO)			STRUCTURE	PANEL(SOUTH ELEVATION) REINF. DETAILS		
PREFIX	P					FLOOR	FOUNDATION TO TOP OF WALL
BAR LIST NOS.						JOB NO	-
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR	CUSTOMER	CONCRETE STRAGIES		
0	IFA	10/18/2022	APPROVAL	JOB	THE CUBES AT MESA - BLDG A		
				LOCATION	E PECOS RD & S CRISMON RD, MESA, AZ 85212		
				DRAWN	DATE		
				MRS	10/18/2022		
				CONTROL CODE	-		
				DWG. NO.	R46		